

Converting Colors

HunterLab(66.7646, -43.6634,
12.0644)

Have a look what the booklet for
HunterLab(66.7646, -43.6634,
12.0644) contains.

HunterLab(66.6005, -43.4873, 11.8807)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(66.6005,
-43.4873, 11.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	14C99D
RGB	20, 201, 157
RGB Percent	8%, 79%, 62%
CMY	0.9215, 0.2118, 0.3843
CMYK	0.90, 0.00, 0.22, 0.21
HSL	165°, 82%, 43%
HSV	165°, 90%, 79%
XYZ	27.2609, 44.3563, 39.0231
YIQ	141.8650, -93.7520, -52.0560

Conversions

Conversions Part 2

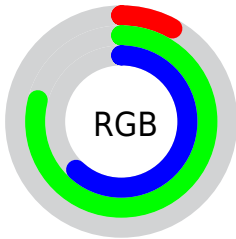
Format	Color
RYB	20, 123, 201
Decimal	1362333
CIELab	72.47, -51.58, 10.46
CIELCh	72, 52.631, 168.532
Yxy	44.3580, 0.2464, 0.4009
Android (android.graphics.Color)	4279552413 (0xFF14C99D)
YUV	141.8650, 7.4616, -106.8756
Hunter-Lab	66.6005, -43.4873, 11.8807

Details

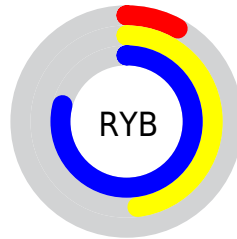
The HunterLab color **66.6005, -43.4873, 11.8807** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.4543, 59.9139, 15.6188**, and the grayscale version is **51.9561, -2.7722, 2.8229**.

A 20% lighter version of the original color is **89.0717, -48.4858, 12.5755**, and **46.4741, -31.8579, 10.6835** is the 20% darker color. If you saturate the color by 10%, you get **66.3673, -44.6915, 13.5228**, and if you desaturate by 10%, it is **66.9573, -41.7880, 10.3051**.

Distribution



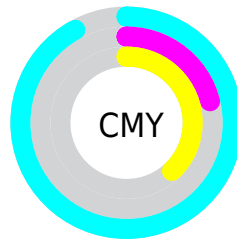
- Red (8%)
- Green (79%)
- Blue (62%)



- Red (8%)
- Yellow (48%)
- Blue (79%)



- Cyan (90%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)



- Cyan (92%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6005, -43.4873, 11.8807 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 66.6005, -43.4873, 11.8807 by changing the saturation by 10% instead.

■ 66.6005, -43.4873,
11.8807

■ 66.6005, -43.4873,
11.8807

190.8316,
-71.0497, 22.5337

■ 55.6346, -39.9045,
10.7345

■ 90.4191, -50.2063,
14.1823

■ 45.3457, -36.1209,
9.5836

■ 103.2072,
-53.3943, 15.3425

■ 35.7833, -32.0787,
8.4209

■ 116.5470,
-56.4931, 16.5119

■ 27.0075, -27.6918,
7.2341

■ 130.4167,
-59.5165, 17.6918

■ 19.0962, -22.8253,
6.0025

■ 144.7966,
-62.4755, 18.8833

■ 12.1571, -20.5014,
4.7488

159.6694,

■ 5.2262, -9.1458,

-65.3793, 20.0871

3.6583

175.0192,
-68.2353, 21.3037

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.6005, -43.4873,
11.8807

■ 66.6005, -43.4873,
11.8807

■ 66.3673, -44.6915,
13.5228

■ 66.9573, -41.7880,
10.3051

■ 67.4714, -39.4534,
8.8544

■ 68.1613, -36.4332,
7.5608

■ 69.0393, -32.7054,
6.4501

■ 70.1135, -28.2714,

5.5427

■ 71.3883, -23.1524,
4.8528

■ 72.8652, -17.3852,
4.3894

■ 74.5429, -11.0184,
4.1562

■ 76.4180, -4.1081,
4.1519

Harmonies

Analogous

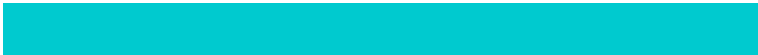
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.6018, -35.1151, 26.8769



66.6005, -43.4873, 11.8807



66.6018, -42.3665, -12.1284

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.6018, -43.4877, 11.8814



66.6018, 11.9749, -53.8859



66.6018, 30.3436, 29.0960

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.6005, -43.4873, 11.8807



36.4543, 59.9139, 15.6188

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.6018, 46.8625, 16.2764



66.6005, -43.4873, 11.8807



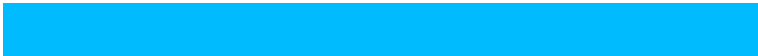
66.6018, 35.2522, -33.0952

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.6018, -43.4877, 11.8814



66.6018, -12.6069, -56.4064



66.6018, 48.7778, -5.8449



66.6018, 6.0029, 34.1565

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.6005, -43.4873, 11.8807



66.6018, -36.3478, -30.4870



66.6018, 48.7778, -5.8449



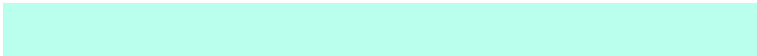
66.6018, 37.1366, 25.8185

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.6018, -43.4877, 11.8814



93.8969, -28.3639, 6.1588



65.5424, -51.4853, 38.8862



43.1487, -14.2774, 2.9660

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6018, -43.4877, 11.8814



86.8162, -58.6112, 18.0121



52.9729, -16.2810, -29.4935



34.6724, -4.9105, 1.9267



52.6390, -35.3501, 10.5166



11.5017, -7.4036, 1.6061

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.4543, 59.9139, 15.6188



46.4841, 80.3536, 24.2379



40.3476, 44.9481, 24.6753



32.6780, 1.4677, 1.8229



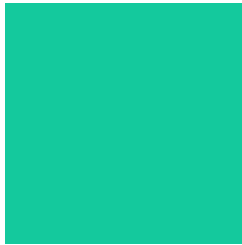
28.2111, 48.8477, 14.0800



6.2347, 10.9822, 1.6639

Previews

White Background



This preview shows how the HunterLab color 66.6005, -43.4873, 11.8807 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 66.6005, -43.4873, 11.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

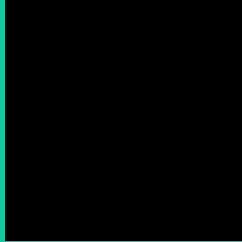
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

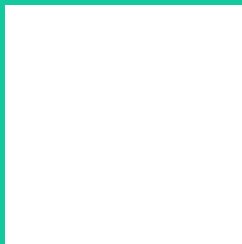
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 66.6005, -43.4873, 11.8807 Background



This preview shows how black text looks on a background with the HunterLab color 66.6005, -43.4873, 11.8807.



This preview shows how white text looks on a background with the HunterLab color 66.6005,

-43.4873, 11.8807.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.6005, -43.4873, 11.8807

Protanopia

65.9804, -4.8551, 16.5000

Deuteranopia

65.9057, 4.8220, 9.0988



Tritanopia

66.5783, -27.9327, -13.7619

Trichromacy



Original Color

66.6005, -43.4873, 11.8807



Protanomaly

64.2678, -25.3181, 12.9268



Deuteranomaly

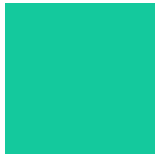
63.7240, -20.1164, 7.5422



Tritanomaly

66.5751, -34.4914, -3.4771

Monochromacy



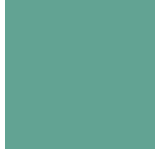
Original Color

66.6005, -43.4873, 11.8807



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

55.5856, -22.1293, 4.4209

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.6005, -43.4873, 11.8807 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(20, 201, 157)` looks like.

```
.text, #text, p{  
    color:rgb(20, 201, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(20, 201, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 201, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 66.6005, -43.4873, 11.8807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(20, 201, 157) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(20, 201, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(20, 201, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 201, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 201, 157);  
box-shadow:4px 4px 4px 4px rgb(20, 201,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.6005, -43.4873, 11.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 201, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(20, 201,  
157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor