

Converting Colors

HunterLab(64.6525, -47.2944,
23.6755)

Have a look what the booklet for
HunterLab(64.6525, -47.2944,
23.6755) contains.

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Color

**HunterLab(64.7677,
-47.3637, 23.6741)**

Conversions

Conversions Part 1

Format	Color
Hex	1EC675
RGB	30, 198, 117
RGB Percent	12%, 78%, 46%
CMY	0.8823, 0.2235, 0.5412
CMYK	0.85, 0.00, 0.41, 0.22
HSL	151°, 74%, 45%
HSV	151°, 85%, 78%
XYZ	23.9404, 41.9485, 23.6647
YIQ	138.5340, -74.1270, -60.8070

Conversions

Conversions Part 2

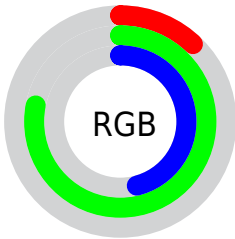
Format	Color
RYB	30, 141, 198
Decimal	2016885
CIELab	70.84, -58.52, 29.47
CIELCh	71, 65.524, 153.273
Yxy	41.9502, 0.2673, 0.4684
Android (android.graphics.Color)	4280206965 (0xFF1EC675)
YUV	138.5340, -10.6163, -95.1843
Hunter-Lab	64.7677, -47.3637, 23.6741

Details

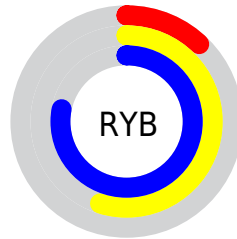
The HunterLab color **64.7677, -47.3637, 23.6741** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **37.5271, 60.9641, 0.4282**, and the grayscale version is **50.6897, -2.7047, 2.7541**.

A 20% lighter version of the original color is **88.0614, -54.6243, 27.7017**, and **44.7774, -35.1657, 19.9447** is the 20% darker color. If you saturate the color by 10%, you get **64.4412, -49.0616, 25.9356**, and if you desaturate by 10%, it is **65.2560, -44.9871, 21.3196**.

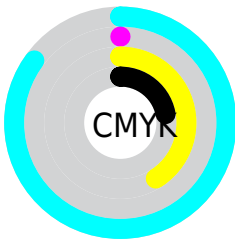
Distribution



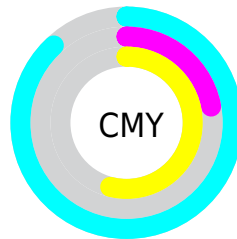
- Red (12%)
- Green (78%)
- Blue (46%)



- Red (12%)
- Yellow (55%)
- Blue (78%)



- Cyan (85%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)





- Cyan (88%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.7677, -47.3637, 23.6741 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 64.7677, -47.3637, 23.6741 by changing the saturation by 10% instead.


 64.7677, -47.3637,
23.6741


 64.7677, -47.3637,
23.6741


188.2224,
-78.1055, 42.1830


 53.9095, -43.3019,
21.3760


 88.3880, -54.9355,
28.0495


 43.7355, -38.9922,
18.9744


 101.0838,
-58.5087, 30.1559


 34.2969, -34.3640,
16.4369


 114.3352,
-61.9709, 32.2225

 25.6561, -29.3118,
13.7170

 128.1198,
-65.3389, 34.2571

 17.8950, -23.6972,
11.0310

 142.4179,
-68.6264, 36.2659

 11.1277, -19.4734,
7.7894

157.2114,

 3.0433, -5.3258,

-71.8441, 38.2538

2.1303

172.4845,
-75.0013, 40.2251

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7677, -47.3637,
23.6741

■ 64.7677, -47.3637,
23.6741

■ 64.4412, -49.0616,
25.9356

■ 65.2560, -44.9871,
21.3196

■ 64.3115, -49.7627,
27.0397


■ 65.9223, -41.8679,
18.9068


■ 66.7817, -37.9795,
16.4714


■ 67.8432, -33.3230,
14.0475


■ 69.1118, -27.9227,

11.6669

 70.5891, -21.8214,
9.3584

 72.2738, -15.0752,
7.1465

 74.1620, -7.7487,
5.0515

 76.2483, 0.0895,
3.0886

Harmonies

Analogous

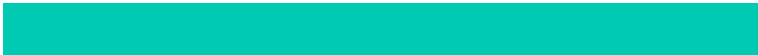
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.7690, -32.1772, 34.6779



64.7677, -47.3637, 23.6741



64.7690, -51.5921, 0.3123

Triad

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



64.7690, -47.3643, 23.6746



64.7690, -0.1315, -78.7183



64.7690, 52.1964, 26.9912

Complementary

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



64.7677, -47.3637, 23.6741



37.5271, 60.9641, 0.4282

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.



64.7690, 64.8128, 6.5821



64.7677, -47.3637, 23.6741



64.7690, 31.3401, -61.2155

Square

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



64.7690, -47.3643, 23.6746



64.7690, -27.4241, -67.1706



64.7690, 56.5641, -26.3428



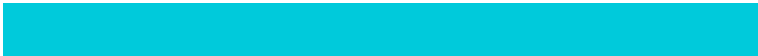
64.7690, 24.5922, 35.8891

Rectangle

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



64.7677, -47.3637, 23.6741



64.7690, -48.4052, -22.1322



64.7690, 56.5641, -26.3428



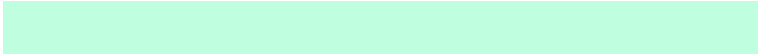
64.7690, 58.5374, 21.6818

Sweetspot

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



64.7690, -47.3643, 23.6746



93.8216, -29.4893, 12.6127



66.2392, -43.1310, 38.9614



43.0695, -15.0225, 6.3370

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.7690, -47.3643, 23.6746



85.5496, -66.4010, 36.4111



65.9355, -33.3871, -7.9986



34.6093, -5.2620, 2.8275



51.8783, -40.0254, 21.5600



11.3532, -8.3114, 3.7515

Inverse Universe

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



37.5271, 60.9641, 0.4282



47.6328, 84.5721, 7.5275



36.3000, 54.7986, 21.3205



32.7425, 1.8144, 0.9037



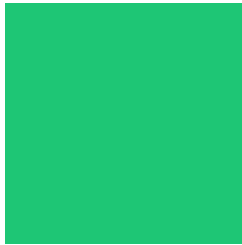
28.9269, 51.4739, 3.6861



6.4096, 11.6185, -0.8337

Previews

White Background



This preview shows how the HunterLab color 64.7677, -47.3637, 23.6741 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 64.7677, -47.3637, 23.6741 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 64.7677, -47.3637, 23.6741 Background



This preview shows how black text looks on a background with the HunterLab color 64.7677, -47.3637, 23.6741.



This preview shows how white text looks on a background with the HunterLab color 64.7677, -47.3637, 23.6741.

-47.3637, 23.6741.

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

64.7677, -47.3637, 23.6741

Protanopia

64.1338, -6.7494, 26.5414

Deuteranopia

64.2093, 4.5556, 21.7296



Tritanopia

64.6962, -25.4164, -12.3580

Trichromacy



Original Color

64.7677, -47.3637, 23.6741



Protanomaly

62.4029, -27.3993, 23.6840



Deuteranomaly

62.0582, -21.6804, 20.2693



Tritanomaly

64.5279, -35.0277, 3.2870

Monochromacy



Original Color

64.7677, -47.3637, 23.6741



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.2521, -23.1719, 9.5576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7677, -47.3637, 23.6741 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(30, 198, 117)` looks like.

```
.text, #text, p{  
  color:rgb(30, 198, 117)  
}
```

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(30, 198, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 198, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7677, -47.3637, 23.6741 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(30, 198, 117) }
```


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

```
.border{ border-color:rgb(30, 198, 117) }
```

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

Here you see how a box with a 4 pixel rgb(30, 198, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 198, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 198, 117);  
box-shadow:4px 4px 4px 4px rgb(30, 198,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7677, -47.3637, 23.6741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 198, 117) }
```

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

```
.background{ background-color: rgb(30, 198,  
117) }
```

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](#).

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