

Converting Colors

HunterLab(64.5737, -43.4851,
21.3297)

Have a look what the booklet for
HunterLab(64.5737, -43.4851,
21.3297) contains.

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Color

**HunterLab(64.7227,
-43.6405, 21.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	3BC47D
RGB	59, 196, 125
RGB Percent	23%, 77%, 49%
CMY	0.7686, 0.2314, 0.5098
CMYK	0.70, 0.00, 0.36, 0.23
HSL	149°, 54%, 50%
HSV	149°, 70%, 77%
XYZ	25.2452, 41.8903, 26.1571
YIQ	146.9430, -58.8610, -51.1250

Conversions

Conversions Part 2

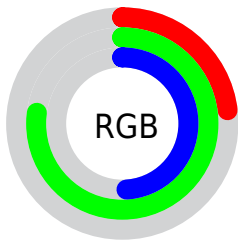
Format	Color
RYB	59, 151, 196
Decimal	3916925
CIELab	70.80, -52.71, 25.32
CIELCh	71, 58.479, 154.346
Yxy	41.8920, 0.2706, 0.4490
Android (android.graphics.Color)	4282107005 (0xFF3BC47D)
YUV	146.9430, -10.8179, -77.1260
Hunter-Lab	64.7227, -43.6405, 21.3444

Details

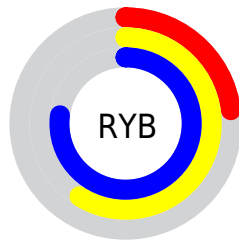
The HunterLab color **64.7227, -43.6405, 21.3444** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **40.5910, 53.6775, -4.8986**, and the grayscale version is **54.0533, -2.8841, 2.9368**.

A 20% lighter version of the original color is **88.4923, -50.6851, 25.4211**, and **44.2241, -33.8214, 17.7343** is the 20% darker color. If you saturate the color by 10%, you get **64.1520, -46.3824, 23.7713**, and if you desaturate by 10%, it is **65.4832, -40.1332, 18.8405**.

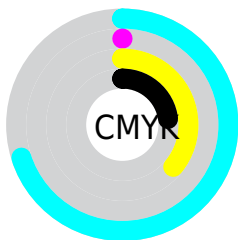
Distribution



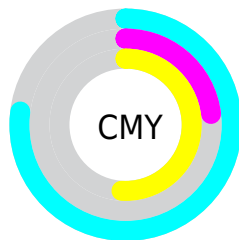
- Red (23%)
- Green (77%)
- Blue (49%)



- Red (23%)
- Yellow (59%)
- Blue (77%)



- Cyan (70%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)





- Cyan (77%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.7227, -43.6405, 21.3444 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 64.7227, -43.6405, 21.3444 by changing the saturation by 10% instead.


 64.7227, -43.6405,
21.3444


 64.7227, -43.6405,
21.3444


188.1582,
-71.8198, 38.0649


 53.8672, -39.9547,
19.3092


 88.3380, -50.5353,
25.2464


 43.6961, -36.0533,
17.1925


 101.0316,
-53.7997, 27.1370


 34.2605, -31.8733,
14.9670


 114.2808,
-56.9692, 28.9991

 25.6231, -27.3201,
12.5914

 128.0634,
-60.0585, 30.8392

 17.8657, -22.2448,
10.0611

 142.3594,
-63.0794, 32.6621

 11.1027, -19.4297,
7.7719

157.1510,

 2.9692, -5.1962,

-66.0415, 34.4720

2.0785

172.4221,
-68.9528, 36.2720

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7227, -43.6405,
21.3444

■ 64.7227, -43.6405,
21.3444

■ 64.1520, -46.3824,
23.7713

■ 65.4832, -40.1332,
18.8405

■ 63.7507, -48.3996,
26.0847

■ 66.4406, -35.8471,
16.2929

■ 63.4825, -49.8328,
28.2385


■ 67.6031, -30.7975,
13.7363


■ 63.4800, -49.8464,
28.2595


■ 68.9737, -25.0199,
11.2030


■ 70.5523, -18.5658,

8.7220

 72.3362, -11.4975,
6.3186

 74.3203, -3.8834,
4.0136

 76.4983, 4.2064,
1.8230

 78.8622, 12.7032,
-0.2418

Harmonies

Analogous

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



64.7240, -30.0220, 32.3214



64.7227, -43.6405, 21.3444



64.7240, -47.2154, -0.2995

Triad

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



64.7240, -43.6412, 21.3449



64.7240, 0.4911, -66.8245



64.7240, 44.7817, 25.5140

Complementary

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



64.7227, -43.6405, 21.3444



40.5910, 53.6775, -4.8986

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.



64.7240, 56.3070, 7.1259



64.7227, -43.6405, 21.3444



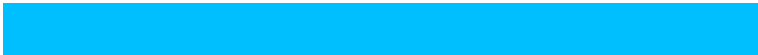
64.7240, 28.2320, -51.3733

Square

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



64.7240, -43.6412, 21.3449



64.7240, -24.2761, -58.0127



64.7240, 49.8078, -21.4746



64.7240, 20.3795, 33.9510

Rectangle

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



64.7227, -43.6405, 21.3444



64.7240, -44.0075, -20.0978



64.7240, 49.8078, -21.4746



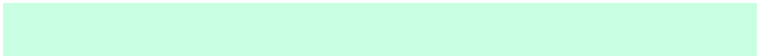
64.7240, 50.4558, 20.6380

Sweetspot

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



64.7240, -43.6412, 21.3449



94.6360, -26.2853, 12.2118



66.8643, -36.7732, 36.8883



43.4994, -13.3125, 6.0806

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.7240, -43.6412, 21.3449



86.0236, -64.0139, 33.7039



66.4771, -33.1050, -3.8029



33.6717, -5.1608, 2.8785



50.9008, -39.8505, 22.4041



10.6460, -7.8775, 3.6986

Inverse Universe

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



40.5910, 53.6775, -4.8986



50.0928, 82.2329, -2.7571



39.0253, 47.1668, 17.6009



31.8796, 1.8053, 0.7457



28.5820, 51.1464, 1.4229



6.0568, 11.0500, -1.3382

Previews

White Background



This preview shows how the HunterLab color 64.7227, -43.6405, 21.3444 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 64.7227, -43.6405, 21.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

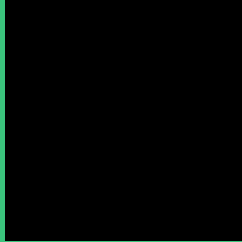
Any Text WCAG AA ✓ Pass

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 64.7227, -43.6405, 21.3444 Background



This preview shows how black text looks on a background with the HunterLab color 64.7227, -43.6405, 21.3444.



This preview shows how white text looks on a background with the HunterLab color 64.7227,

-43.6405, 21.3444.

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

64.7227, -43.6405, 21.3444

Protanopia

64.1732, -6.3356, 24.4468

Deuteranopia

64.1348, 4.5947, 19.4193



Tritanopia

64.7145, -23.7293, -11.7321

Trichromacy



Original Color

64.7227, -43.6405, 21.3444



Protanomaly

63.2101, -24.0112, 22.1590



Deuteranomaly

62.5457, -17.9430, 18.5385



Tritanomaly

64.3900, -31.9735, 2.2443

Monochromacy



Original Color

64.7227, -43.6405, 21.3444



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

56.9378, -20.6846, 9.2876

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7227, -43.6405, 21.3444 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(59, 196, 125)` looks like.

```
.text, #text, p{  
    color:rgb(59, 196, 125)  
}
```

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(59, 196, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 196, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7227, -43.6405, 21.3444 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(59, 196, 125) }
```


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

```
.border{ border-color:rgb(59, 196, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 196, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 196, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 196, 125);  
box-shadow:4px 4px 4px 4px rgb(59, 196,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7227, -43.6405, 21.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 196, 125) }
```

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

```
.background{ background-color: rgb(59, 196,  
125) }
```

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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