

Converting Colors

HunterLab(65.5367, -5.2458,
30.7113)

Have a look what the booklet for
HunterLab(65.5367, -5.2458,
30.7113) contains.

HunterLab(65.5367, -5.2458, 30.7113)	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(65.5367, -5.2458,
30.7113)**

Conversions

Conversions Part 1

Format	Color
Hex	C5AE5E
RGB	197, 174, 94
RGB Percent	77%, 68%, 37%
CMY	0.2275, 0.3176, 0.6314
CMYK	0.00, 0.12, 0.52, 0.23
HSL	47°, 47%, 57%
HSV	47°, 52%, 77%
XYZ	40.1824, 42.9506, 16.7621
YIQ	171.7570, 39.3880, -20.0040

Conversions

Conversions Part 2

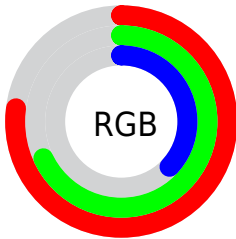
Format	Color
RYB	124, 197, 94
Decimal	12955230
CIELab	71.52, -1.99, 43.71
CIELCh	72, 43.755, 92.603
Yxy	42.9526, 0.4022, 0.4300
Android (android.graphics.Color)	4291145310 (0xFFC5AE5E)
YUV	171.7570, -38.3342, 22.1381
Hunter-Lab	65.5367, -5.2458, 30.7113

Details

The HunterLab color **65.5367, -5.2458, 30.7113** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **43.7411, 9.3760, -44.4835**, and the grayscale version is **64.2723, -3.4294, 3.4920**.

A 20% lighter version of the original color is **89.0921, -6.7519, 36.6824**, and **44.4563, -3.9246, 24.1471** is the 20% darker color. If you saturate the color by 10%, you get **64.0087, -4.4465, 33.3135**, and if you desaturate by 10%, it is **67.1416, -5.7133, 27.2928**.

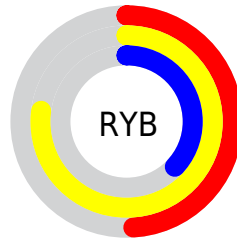
Distribution



Red (77%)

Green (68%)

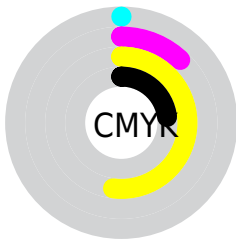
Blue (37%)



Red (49%)

Yellow (77%)

Blue (37%)

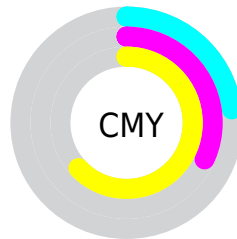


Cyan (0%)

Magenta (12%)

Yellow (52%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.5367, -5.2458, 30.7113 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 65.5367, -5.2458, 30.7113 by changing the saturation by 10% instead.

■ 65.5367, -5.2458,
30.7113

■ 65.5367, -5.2458,
30.7113

189.3190,
-12.6076, 55.5448

■ 54.6333, -4.5618,
27.4935

■ 89.2409, -6.7056,
36.7552

■ 44.4108, -3.9048,
24.1033

■ 101.9756, -7.4747,
39.6248

■ 34.9199, -3.2782,
20.5004

■ 115.2643, -8.2696,
42.4152

■ 26.2220, -2.6827,
16.6735

■ 129.0848, -9.0896,
45.1389

■ 18.3974, -2.1190,
12.8782

143.4174, -9.9341,
47.8061

■ 11.5572, -1.5862,
8.0900

158.2443,

■ 4.1059, -2.3282,

-10.8023, 50.4250

2.8741

173.5497,
-11.6936, 53.0027

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.5367, -5.2458,
30.7113

■ 65.5367, -5.2458,
30.7113

■ 64.0087, -4.4465,
33.3135

■ 67.1416, -5.7133,
27.2928

■ 62.5524, -3.3159,
35.1078

■ 68.8186, -5.8397,
23.0599

■ 61.1676, -1.8720,
36.1245

■ 70.5684, -5.6298,
18.0277

■ 59.8507, -0.1410,
36.4221

■ 72.3896, -5.0896,
12.2183

■ 58.8719, 1.3367,

■ 74.2807, -4.2278,

36.3000

5.6593

■ 76.2398, -3.0548,
-1.6183

■ 78.2649, -1.5827,
-9.5806

■ 80.3539, 0.1758,
-18.1931

■ 81.8383, -1.4037,
-18.1373

Harmonies

Analogous

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



65.5382, 15.2695, 28.5532



65.5367, -5.2458, 30.7113



65.5382, -23.0710, 27.6151

Triad

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



65.5382, -5.2483, 30.7119



65.5382, -33.0122, -19.5225



65.5382, 34.5077, -15.7281

Complementary

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



65.5367, -5.2458, 30.7113



43.7411, 9.3760, -44.4835

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.



65.5382, 18.6756, -35.6270



65.5367, -5.2458, 30.7113



65.5382, -20.3701, -38.2422

Square

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



65.5382, -5.2483, 30.7119



65.5382, -37.8445, 1.8739



65.5382, -1.7342, -44.8762



65.5382, 39.7996, 5.2169

Rectangle

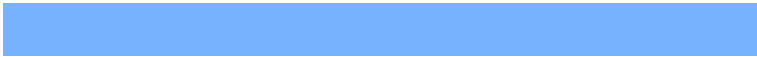
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.5367, -5.2458, 30.7113



65.5382, -31.4917, 22.2145



65.5382, -1.7342, -44.8762



65.5382, 30.1550, -22.9521

Sweetspot

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



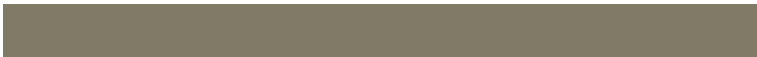
65.5382, -5.2483, 30.7119



95.9013, -7.1501, 19.5546



46.0271, 36.9641, 6.9164



44.1327, -3.3779, 9.7987

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.5382, -5.2483, 30.7119



85.3274, -5.7263, 45.0625



70.1675, -24.9450, 33.8517



34.6407, -2.3145, 4.9375



47.8809, 0.8501, 29.5189



10.8970, -0.6251, 6.7037

Inverse Universe

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



43.7411, 9.3760, -44.4835



50.6369, 19.6534, -79.2287



40.1694, 27.6058, -52.7314



32.6576, -1.1506, -1.5330



19.8488, 30.6697, -91.0165



5.4641, 3.5173, -14.4225

Previews

White Background



This preview shows how the HunterLab color 65.5367, -5.2458, 30.7113 looks on a white background.

Color Contrast Check

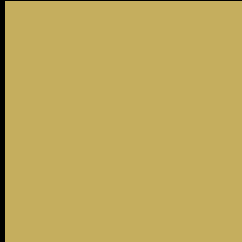
Large Text (above 18pt) WCAG AA × Fail

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 65.5367, -5.2458, 30.7113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

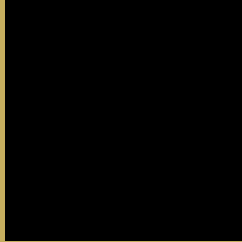
Any Text WCAG AA ✓ Pass

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 65.5367, -5.2458, 30.7113 Background



This preview shows how black text looks on a background with the HunterLab color 65.5367, -5.2458, 30.7113.

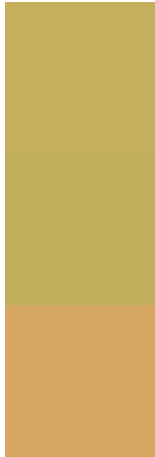


This preview shows how white text looks on a background with the HunterLab color 65.5367, -5.2458,

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

65.5367, -5.2458, 30.7113

Protanopia

65.4260, -7.1578, 30.5933

Deuteranopia

65.4050, 4.7004, 30.3528



Tritanopia

65.6230, 11.8281, 3.0628

Trichromacy



Original Color

65.5367, -5.2458, 30.7113

Protanomaly

65.5267, -6.8021, 30.6764

Deuteranomaly

65.5634, 0.8440, 30.6241

Tritanomaly

65.3211, 4.9036, 15.2813

Monochromacy



Original Color

65.5367, -5.2458, 30.7113

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.5945, -5.1751, 15.4935

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.5367, -5.2458, 30.7113 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(197, 174, 94)` looks like.

```
.text, #text, p{  
    color:rgb(197, 174, 94)  
}
```

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(197, 174, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 174, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 65.5367, -5.2458, 30.7113 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(197, 174, 94) }
```


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

```
.border{ border-color:rgb(197, 174, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 174, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 174, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 174, 94);  
box-shadow:4px 4px 4px 4px rgb(197, 174,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.5367, -5.2458, 30.7113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 174, 94) }
```

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

```
.background{ background-color: rgb(197,  
174, 94) }
```

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