

Converting Colors

HunterLab(65.0359, -47.6423,
37.4486)

Have a look what the booklet for
HunterLab(65.0359, -47.6423,
37.4486) contains.

HunterLab(65.1002, -47.7233, 37.4507)	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(65.1002,
-47.7233, 37.4507)**

Conversions

Conversions Part 1

Format	Color
Hex	53C628
RGB	83, 198, 40
RGB Percent	33%, 78%, 16%
CMY	0.6745, 0.2235, 0.8431
CMYK	0.58, 0.00, 0.80, 0.22
HSL	104°, 66%, 47%
HSV	104°, 80%, 78%
XYZ	24.1444, 42.3804, 8.9151
YIQ	145.6030, -17.8220, -73.5180

Conversions

Conversions Part 2

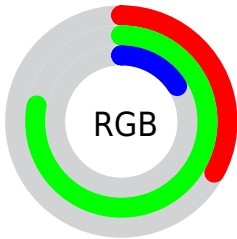
Format	Color
RYB	40, 198, 155
Decimal	5490216
CIELab	71.13, -58.91, 63.38
CIELCh	71, 86.530, 132.906
Yxy	42.3822, 0.3200, 0.5618
Android (android.graphics.Color)	4283680296 (0xFF53C628)
YUV	145.6030, -52.0623, -54.9028
Hunter-Lab	65.1002, -47.7233, 37.4507

Details

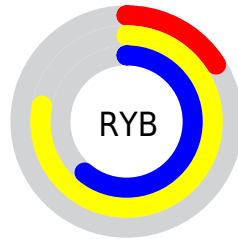
The HunterLab color **65.1002, -47.7233, 37.4507** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **35.4472, 61.2006, -66.4521**, and the grayscale version is **53.6629, -2.8633, 2.9156**.

A 20% lighter version of the original color is **88.5156, -55.0533, 45.6722**, and **44.3226, -38.0066, 26.6460** is the 20% darker color. If you saturate the color by 10%, you get **64.5688, -50.1084, 38.2932**, and if you desaturate by 10%, it is **65.7862, -44.6353, 35.9270**.

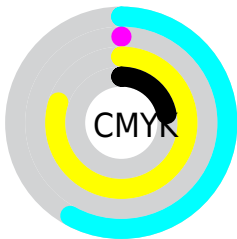
Distribution



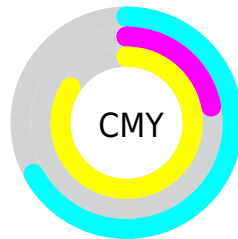
- Red (33%)
- Green (78%)
- Blue (16%)



- Red (16%)
- Yellow (78%)
- Blue (61%)



- Cyan (58%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)





- Cyan (67%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 65.1002, -47.7233, 37.4507 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 65.1002, -47.7233, 37.4507 by changing the saturation by 10% instead.


 65.1002, -47.7233,
37.4507


 65.1002, -47.7233,
37.4507


188.6968,
-78.6111, 71.4628


 54.2224, -43.6433,
32.9362


 88.7568, -55.3314,
45.8900

 44.0274, -39.3145,
28.1871


 101.4694,
-58.9216, 49.8665


 34.5661, -34.6670,
23.2922


 114.7370,
-62.4004, 53.7101

 25.9005, -29.5960,
18.1304

 128.5372,
-65.7846, 57.4384

 18.1119, -23.9529,
12.6783

 142.8502,
-69.0876, 61.0662

 11.3129, -19.7976,
7.9190

 157.6582,

 3.5426, -6.1995,

-72.3205, 64.6061

2.4798

172.9453,
-75.4925, 68.0686

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.1002, -47.7233,
37.4507

■ 65.1002, -47.7233,
37.4507

■ 64.5688, -50.1084,
38.2932

■ 65.7862, -44.6353,
35.9270

■ 64.1716, -51.8618,
38.6235

■ 66.6308, -40.8212,
33.6571


■ 64.1645, -51.8931,
38.6294


■ 67.6404, -36.2838,
30.6076


■ 68.8178, -31.0427,
26.7688


■ 70.1633, -25.1313,

22.1509

 71.6757, -18.5937,
16.7798

 73.3520, -11.4810,
10.6934

 75.1881, -3.8485,
3.9381

 77.1790, 4.2472,
-3.4345

Harmonies

Analogous

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



65.1016, -19.6659, 42.0259



65.1002, -47.7233, 37.4507



65.1016, -61.5567, 21.4798

Triad

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



65.1016, -47.7244, 37.4510



65.1016, -24.4314, -111.0973



65.1016, 88.8976, 17.7667

Complementary

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



65.1002, -47.7233, 37.4507



35.4472, 61.2006, -66.4521

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.



65.1016, 86.7402, -21.6205



65.1002, -47.7233, 37.4507



65.1016, 14.4665, -114.4226

Square

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



65.1016, -47.7244, 37.4510



65.1016, -50.4892, -67.8181



65.1016, 57.0743, -75.2469



65.1016, 62.4079, 36.1312

Rectangle

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



65.1002, -47.7233, 37.4507



65.1016, -63.5225, -0.2468



65.1016, 57.0743, -75.2469



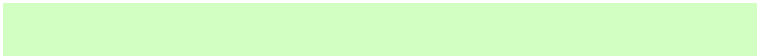
65.1016, 91.6549, 7.1191

Sweetspot

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



65.1016, -47.7244, 37.4510



94.4322, -28.8131, 25.7129



59.1777, 2.3218, 34.4938



43.3570, -14.7678, 13.0696

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.1016, -47.7244, 37.4510



85.5058, -68.5089, 51.2858



64.2953, -50.5663, 32.7199



34.6773, -5.2791, 4.9255



51.7784, -41.6970, 31.1756



11.4296, -8.3913, 6.8960

Inverse Universe

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



35.4472, 61.2006, -66.4521



42.6403, 88.6200, -103.7229



40.2447, 65.8656, -25.6317



32.6587, 1.8254, -1.4794



25.6099, 54.2110, -63.7075



5.8734, 12.1959, -12.7744

Previews

White Background



This preview shows how the HunterLab color 65.1002, -47.7233, 37.4507 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 65.1002, -47.7233, 37.4507 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 65.1002, -47.7233, 37.4507 Background



This preview shows how black text looks on a background with the HunterLab color 65.1002, -47.7233, 37.4507.



This preview shows how white text looks on a background with the HunterLab color 65.1002,

-47.7233, 37.4507.

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

65.1002, -47.7233, 37.4507

Protanopia

64.5017, -8.4432, 38.2068

Deuteranopia

64.3703, 4.6732, 36.3004



Tritanopia

64.7420, -18.8420, -9.9189

Trichromacy



Original Color

65.1002, -47.7233, 37.4507



Protanomaly

63.6029, -26.0645, 37.1796



Deuteranomaly

62.9331, -18.6623, 35.6095



Tritanomaly

64.1429, -32.9810, 15.6543

Monochromacy



Original Color

65.1002, -47.7233, 37.4507



Achromatopsia

53.6135, -2.8607, 2.9129



Achromatomaly

56.7298, -22.8887, 20.0183

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.1002, -47.7233, 37.4507 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(83, 198, 40)` looks like.

```
.text, #text, p{  
    color:rgb(83, 198, 40)  
}
```

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(83, 198, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 198, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 65.1002, -47.7233, 37.4507 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(83, 198, 40) }
```


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

```
.border{ border-color:rgb(83, 198, 40) }
```

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

Here you see how a box with a 4 pixel rgb(83, 198, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 198, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 198, 40);  
box-shadow:4px 4px 4px 4px rgb(83, 198,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.1002, -47.7233, 37.4507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 198, 40) }
```

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

```
.background{ background-color: rgb(83, 198,  
40) }
```

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