

Converting Colors

HunterLab(64.4624, -47.3442,
36.5940)

Have a look what the booklet for
HunterLab(64.4624, -47.3442,
36.5940) contains.

HunterLab(64.3232, -47.2914, 36.5194)	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(64.3232,
-47.2914, 36.5194)**

Conversions

Conversions Part 1

Format	Color
Hex	50C42D
RGB	80, 196, 45
RGB Percent	31%, 77%, 18%
CMY	0.6863, 0.2314, 0.8235
CMYK	0.59, 0.00, 0.77, 0.23
HSL	106°, 63%, 47%
HSV	106°, 77%, 77%
XYZ	23.5218, 41.3747, 9.2290
YIQ	144.1020, -20.6650, -71.5530

Conversions

Conversions Part 2

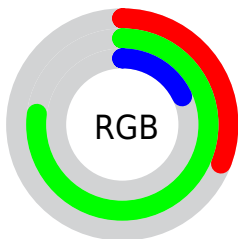
Format	Color
RYB	45, 196, 161
Decimal	5293101
CIELab	70.44, -58.66, 61.18
CIELCh	70, 84.756, 133.798
Yxy	41.3765, 0.3173, 0.5582
Android (android.graphics.Color)	4283483181 (0xFF50C42D)
YUV	144.1020, -48.8573, -56.2175
Hunter-Lab	64.3232, -47.2914, 36.5194

Details

The HunterLab color **64.3232, -47.2914, 36.5194** 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 **36.6620, 60.4963, -60.8115**, and the grayscale version is **53.0483, -2.8305, 2.8822**.

A 20% lighter version of the original color is **88.0373, -55.0710, 44.8184**, and **43.6460, -37.4265, 26.2393** is the 20% darker color. If you saturate the color by 10%, you get **63.7772, -49.7655, 37.5515**, and if you desaturate by 10%, it is **65.0343, -44.0702, 34.7973**.

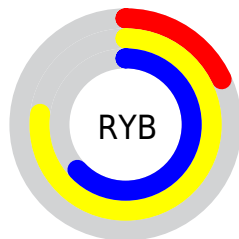
Distribution



Red (31%)

Green (77%)

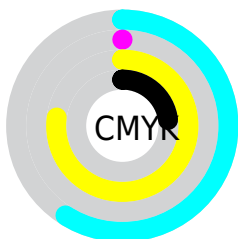
Blue (18%)



Red (18%)

Yellow (77%)

Blue (63%)

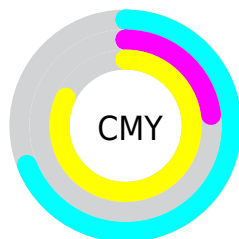


Cyan (59%)

Magenta (0%)

Yellow (77%)

Black (23%)



Cyan (69%)

Magenta (23%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3232, -47.2914, 36.5194 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 64.3232, -47.2914, 36.5194 by changing the saturation by 10% instead.

■ 64.3232, -47.2914,
36.5194

■ 64.3232, -47.2914,
36.5194

187.5878,
-78.1297, 69.5634

■ 53.4915, -43.2123,
32.1319

■ 87.8949, -54.8926,
44.7156

■ 43.3458, -38.8817,
27.5113

■ 100.5681,
-58.4780, 48.5768

■ 33.9376, -34.2282,
22.7124

■ 113.7978,
-61.9513, 52.3095

■ 25.3300, -29.1443,
17.7310

■ 127.5617,
-65.3294, 55.9308

■ 17.6060, -23.5246,
12.3242

■ 141.8397,
-68.6262, 59.4556

■ 10.8812, -19.0422,
7.6169

■ 156.6138,

■ 2.2043, -3.8575,

-71.8526, 62.8959

1.5430

171.8681,
-75.0179, 66.2623

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3232, -47.2914,
36.5194

■ 64.3232, -47.2914,
36.5194

■ 63.7772, -49.7655,
37.5515

■ 65.0343, -44.0702,
34.7973

■ 63.3793, -51.5383,
37.9958

■ 65.9146, -40.0830,
32.3317


■ 63.2843, -51.9614,
38.0858


■ 66.9702, -35.3379,
29.0988


■ 68.2037, -29.8605,
25.0976

■ 69.6148, -23.6909,

20.3464

 71.2016, -16.8800,
14.8781

 72.9605, -9.4856,
8.7361

 74.8866, -1.5688,
1.9715

 76.9740, 6.8086,
-5.3612

Harmonies

Analogous

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



64.3246, -20.2517, 41.3008



64.3232, -47.2914, 36.5194



64.3246, -60.4691, 20.2990

Triad

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



64.3246, -47.2925, 36.5197



64.3246, -22.9258, -108.4509



64.3246, 86.0475, 18.2100

Complementary

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



64.3232, -47.2914, 36.5194



36.6620, 60.4963, -60.8115

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.



64.3246, 84.8441, -19.5703



64.3232, -47.2914, 36.5194



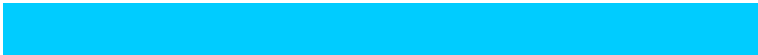
64.3246, 15.3078, -110.2978

Square

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



64.3246, -47.2925, 36.5197



64.3246, -48.8489, -67.3663



64.3246, 56.6526, -71.4991



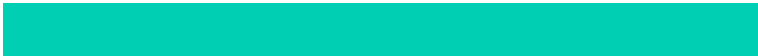
64.3246, 59.6306, 35.7679

Rectangle

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



64.3232, -47.2914, 36.5194



64.3246, -62.1575, -1.3701



64.3246, 56.6526, -71.4991



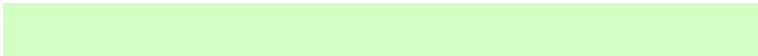
64.3246, 89.0220, 8.0193

Sweetspot

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



64.3246, -47.2925, 36.5197



94.4535, -28.6113, 24.7875



61.1028, -1.9248, 35.2080



43.3485, -14.7486, 12.6668

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3246, -47.2925, 36.5197



85.4743, -68.6075, 50.9956



63.7963, -48.7629, 30.4173



33.7179, -5.2303, 4.7507



50.7594, -41.5131, 30.5510



10.7034, -7.9878, 6.4556

Inverse Universe

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



36.6620, 60.4963, -60.8115



44.8341, 89.9336, -95.9112



40.0061, 62.4297, -20.6963



31.8215, 1.8746, -1.3849



26.0822, 54.4847, -59.2553



5.6861, 11.6834, -11.4101

Previews

White Background



This preview shows how the HunterLab color 64.3232, -47.2914, 36.5194 looks on a white background.

Color Contrast Check

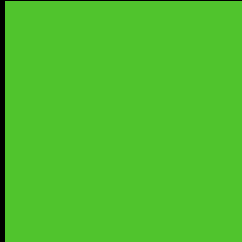
Large Text (above 18pt) WCAG AA × Fail

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 64.3232, -47.2914, 36.5194 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 64.3232, -47.2914, 36.5194 Background



This preview shows how black text looks on a background with the HunterLab color 64.3232, -47.2914, 36.5194.



This preview shows how white text looks on a background with the HunterLab color 64.3232, -47.2914, 36.5194.

-47.2914, 36.5194.

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

64.3232, -47.2914, 36.5194

Protanopia

63.6229, -8.4665, 37.2672

Deuteranopia

63.6106, 5.0450, 35.3003



Tritanopia

64.1975, -19.3609, -9.5661

Trichromacy



Original Color

64.3232, -47.2914, 36.5194



Protanomaly

62.7550, -25.9572, 36.2329



Deuteranomaly

62.0864, -18.5403, 34.4812



Tritanomaly

63.6962, -32.9705, 14.8512

Monochromacy



Original Color

64.3232, -47.2914, 36.5194



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

55.9840, -22.4412, 19.0790

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3232, -47.2914, 36.5194 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(80, 196, 45)` looks like.

```
.text, #text, p{  
    color:rgb(80, 196, 45)  
}
```

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(80, 196, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 196, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3232, -47.2914, 36.5194 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(80, 196, 45) }
```


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

```
.border{ border-color:rgb(80, 196, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 196, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 196, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 196, 45);  
box-shadow:4px 4px 4px 4px rgb(80, 196,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3232, -47.2914, 36.5194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 196, 45) }
```

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

```
.background{ background-color: rgb(80, 196,  
45) }
```

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