

Converting Colors

HunterLab(63.1504, -47.2562,
29.0114)

Have a look what the booklet for
HunterLab(63.1504, -47.2562,
29.0114) contains.

HunterLab(63.2454, -47.3106, 29.0754)	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(63.2454,
-47.3106, 29.0754)**

Conversions

Conversions Part 1

Format	Color
Hex	32C25A
RGB	50, 194, 90
RGB Percent	20%, 76%, 35%
CMY	0.8039, 0.2392, 0.6470
CMYK	0.74, 0.00, 0.54, 0.24
HSL	137°, 59%, 48%
HSV	137°, 74%, 76%
XYZ	22.4526, 39.9998, 16.2102
YIQ	139.0880, -52.4400, -62.8720

Conversions

Conversions Part 2

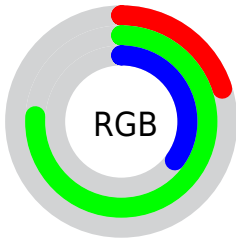
Format	Color
RYB	50, 163, 194
Decimal	3326554
CIELab	69.47, -59.32, 41.36
CIElCh	69, 72.314, 145.112
Yxy	40.0014, 0.2854, 0.5085
Android (android.graphics.Color)	4281516634 (0xFF32C25A)
YUV	139.0880, -24.2004, -78.1302
Hunter-Lab	63.2454, -47.3106, 29.0754

Details

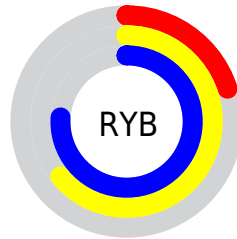
The HunterLab color **63.2454, -47.3106, 29.0754** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **40.1052, 59.8795, -19.4367**, and the grayscale version is **50.9563, -2.7189, 2.7686**.

A 20% lighter version of the original color is **86.8077, -55.2091, 35.0451**, and **43.1413, -35.7815, 23.3191** is the 20% darker color. If you saturate the color by 10%, you get **62.7630, -49.6842, 31.3468**, and if you desaturate by 10%, it is **63.9256, -44.0870, 26.4684**.

Distribution



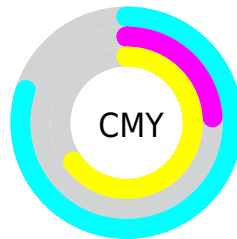
- Red (20%)
- Green (76%)
- Blue (35%)



- Red (20%)
- Yellow (64%)
- Blue (76%)



- Cyan (74%)
- Magenta (0%)
- Yellow (54%)
- Black (24%)





- Cyan (80%)
- Magenta (24%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.2454, -47.3106, 29.0754 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 63.2454, -47.3106, 29.0754 by changing the saturation by 10% instead.


 63.2454, -47.3106,
29.0754


 63.2454, -47.3106,
29.0754


186.0456,
-78.5292, 52.9596


 52.4783, -43.1661,
25.9817


 86.6982, -55.0213,
34.8822


 42.4016, -38.7607,
22.7191


 99.3162, -58.6541,
37.6395


 33.0679, -34.0190,
19.2453


 112.4931,
-62.1710, 40.3216

 24.5419, -28.8281,
15.5832

 126.2061,
-65.5897, 42.9406

 16.9089, -23.2490,
11.8362

 140.4351,
-68.9243, 45.5064

 10.2889, -18.0057,
7.2023

155.1620,

0.0000, NaN, NaN

-72.1864, 48.0273

0.0000, NaN, NaN

170.3704,
-75.3854, 50.5098

0.0000, NaN, NaN

■ 63.2454, -47.3106,
29.0754

■ 63.2454, -47.3106,
29.0754

■ 62.7630, -49.6842,
31.3468

■ 63.9256, -44.0870,
26.4684

■ 62.4541, -51.2691,
33.2626

■ 64.8134, -39.9866,
23.5516

■ 62.3301, -51.9284,
34.1914

■ 65.9188, -35.0182,
20.3594

■ 67.2461, -29.2164,
16.9313

■ 68.7957, -22.6368,
13.3096

70.5652, -15.3498,
9.5371

72.5493, -7.4339,
5.6550

74.7408, 1.0289,
1.7014

77.1313, 9.9581,
-2.2904

Harmonies

Analogous

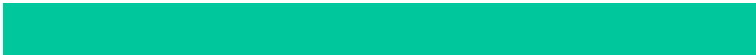
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.2467, -28.0224, 37.2674



63.2454, -47.3106, 29.0754



63.2467, -54.8251, 8.3528

Triad

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



63.2467, -47.3114, 29.0758



63.2467, -8.6721, -90.5008



63.2467, 64.6075, 24.0084

Complementary

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



63.2454, -47.3106, 29.0754



40.1052, 59.8795, -19.4367

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.



63.2467, 72.6944, -1.8957



63.2454, -47.3106, 29.0754



63.2467, 25.7341, -78.7489

Square

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



63.2467, -47.3114, 29.0758



63.2467, -35.6133, -68.3717



63.2467, 57.2457, -41.4895



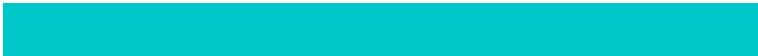
63.2467, 36.9722, 35.5642

Rectangle

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



63.2454, -47.3106, 29.0754



63.2467, -53.5502, -14.3186



63.2467, 57.2457, -41.4895



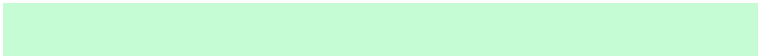
63.2467, 69.9135, 17.1942

Sweetspot

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



63.2467, -47.3114, 29.0758



93.0229, -28.6968, 16.9749



67.7080, -30.1674, 38.5506



43.2400, -14.6461, 8.5907

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.2467, -47.3114, 29.0758



84.1954, -68.3107, 43.8448



64.6648, -38.6648, 8.5062



33.6211, -5.4434, 3.6027



50.5511, -42.0299, 27.5459



10.5652, -8.3778, 4.8796

Inverse Universe

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



40.1052, 59.8795, -19.4367



50.3175, 89.3756, -24.8574



37.9275, 51.1646, 11.2822



31.9347, 2.1006, -0.0371



29.6686, 55.0603, -13.7889



6.2571, 11.7656, -4.0965

Previews

White Background



This preview shows how the HunterLab color 63.2454, -47.3106, 29.0754 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 63.2454, -47.3106, 29.0754 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 63.2454, -47.3106, 29.0754 Background



This preview shows how black text looks on a background with the HunterLab color 63.2454, -47.3106, 29.0754.



This preview shows how white text looks on a background with the HunterLab color 63.2454, -47.3106, 29.0754.

-47.3106, 29.0754.

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

63.2454, -47.3106, 29.0754

Protanopia

62.4929, -7.1765, 30.8086

Deuteranopia

62.6322, 4.1041, 27.4911



Tritanopia

63.2241, -23.0185, -10.9810

Trichromacy



Original Color

63.2454, -47.3106, 29.0754



Protanomaly

61.1707, -26.2814, 28.9029



Deuteranomaly

60.8503, -20.6335, 26.3519



Tritanomaly

62.8213, -33.8847, 7.5875

Monochromacy



Original Color

63.2454, -47.3106, 29.0754



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.1318, -22.4734, 13.1495

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.2454, -47.3106, 29.0754 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(50, 194, 90)` looks like.

```
.text, #text, p{  
    color:rgb(50, 194, 90)  
}
```

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(50, 194, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 194, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2454, -47.3106, 29.0754 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(50, 194, 90) }
```


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

```
.border{ border-color:rgb(50, 194, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 194, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 194, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 194, 90);  
box-shadow:4px 4px 4px 4px rgb(50, 194,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2454, -47.3106, 29.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 194, 90) }
```

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

```
.background{ background-color: rgb(50, 194,  
90) }
```

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