

Converting Colors

HunterLab(66.6066, -54.0618,
37.4101)

Have a look what the booklet for
HunterLab(66.6066, -54.0618,
37.4101) contains.

HunterLab(66.6066, -54.0618, 37.4101)	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(66.6066,
-54.0618, 37.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	29CD32
RGB	41, 205, 50
RGB Percent	16%, 80%, 20%
CMY	0.8392, 0.1961, 0.8039
CMYK	0.80, 0.00, 0.76, 0.20
HSL	123°, 67%, 48%
HSV	123°, 80%, 80%
XYZ	23.3215, 44.3644, 10.3516
YIQ	138.2940, -47.9890, -82.9730

Conversions

Conversions Part 2

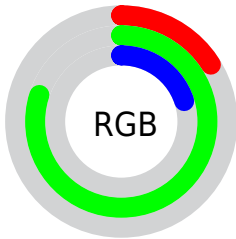
Format	Color
RYB	41, 196, 205
Decimal	2739506
CIELab	72.47, -68.32, 61.26
CIELCh	72, 91.759, 138.121
Yxy	44.3662, 0.2988, 0.5685
Android (android.graphics.Color)	4280929586 (0xFF29CD32)
YUV	138.2940, -43.5289, -85.3268
Hunter-Lab	66.6066, -54.0618, 37.4101

Details

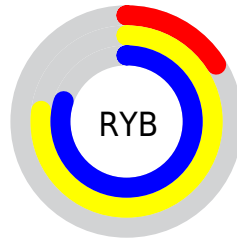
The HunterLab color **66.6066, -54.0618, 37.4101** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **43.0710, 73.5500, -44.0619**, and the grayscale version is **50.7134, -2.7059, 2.7554**.

A 20% lighter version of the original color is **87.3467, -59.6363, 43.3367**, and **46.3626, -39.7559, 27.8724** is the 20% darker color. If you saturate the color by 10%, you get **66.2688, -55.7055, 38.7221**, and if you desaturate by 10%, it is **67.1617, -51.4244, 35.4592**.

Distribution



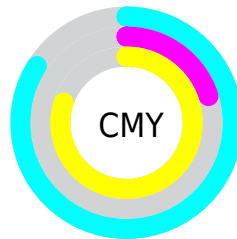
- Red (16%)
- Green (80%)
- Blue (20%)



- Red (16%)
- Yellow (77%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (76%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6066, -54.0618, 37.4101 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 66.6066, -54.0618, 37.4101 by changing the saturation by 10% instead.

■ 66.6066, -54.0618,
37.4101

■ 66.6066, -54.0618,
37.4101

■ 190.8404,
-89.0229, 70.2888

■ 55.6404, -49.3971,
33.0612

■ 90.4260, -62.7334,
45.5459

■ 45.3512, -44.4403,
28.4850

■ 103.2143,
-66.8127, 49.3840

■ 35.7884, -39.1130,
23.6650

■ 116.5544,
-70.7567, 53.0969

■ 27.0121, -33.3012,
18.9084

■ 130.4244,
-74.5853, 56.7016

■ 19.1003, -26.9134,
13.3702

■ 144.8047,
-78.3142, 60.2122

■ 12.1606, -21.2810,
8.5124

■ 159.6777,

■ 5.2320, -9.1559,

-81.9566, 63.6405

3.6624

175.0278,
-85.5232, 66.9965

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.6066, -54.0618,
37.4101

■ 66.6066, -54.0618,
37.4101

■ 66.2688, -55.7055,
38.7221

■ 67.1617, -51.4244,
35.4592

■ 66.0978, -56.5451,
39.4482

■ 67.9526, -47.7167,
32.8372


■ 66.0978, -56.5451,
39.4482


■ 68.9958, -42.9155,
29.5406


■ 70.3002, -37.0387,
25.5902


■ 71.8693, -30.1390,

21.0263

 73.7020, -22.2952,
15.9040

 75.7935, -13.6035,
10.2875

 78.1359, -4.1688,
4.2450

 80.7191, 5.9025,
-2.1556

Harmonies

Analogous

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



66.6080, -27.0775, 43.2475



66.6066, -54.0618, 37.4101



66.6080, -66.0637, 17.7032

Triad

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



66.6080, -54.0627, 37.4104



66.6080, -19.5317, -125.7851



66.6080, 93.0521, 23.5268

Complementary

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



66.6066, -54.0618, 37.4101



43.0710, 73.5500, -44.0619

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.



66.6080, 96.5417, -14.4079



66.6066, -54.0618, 37.4101



66.6080, 23.7598, -120.3247

Square

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



66.6080, -54.0627, 37.4104



66.6080, -49.7349, -83.8920



66.6080, 68.7098, -71.7639



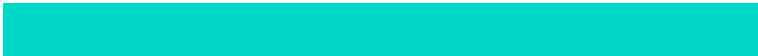
66.6080, 60.1140, 39.3886

Rectangle

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



66.6066, -54.0618, 37.4101



66.6080, -66.6048, -8.2938



66.6080, 68.7098, -71.7639



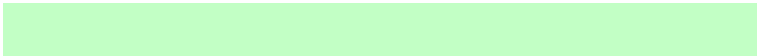
66.6080, 97.9630, 13.6822

Sweetspot

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



66.6080, -54.0627, 37.4104



93.2746, -32.9967, 23.2593



74.6112, -22.4163, 43.9155



42.7677, -16.9209, 11.8431

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.6080, -54.0627, 37.4104



84.6465, -72.1126, 50.3047



67.6610, -47.5533, 21.9806



35.4214, -6.0884, 4.6334



52.1551, -44.5865, 31.0601



11.8612, -10.0324, 6.8317

Inverse Universe

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



43.0710, 73.5500, -44.0619



52.7880, 101.4170, -59.6586



39.7479, 60.9173, 1.4536



33.7531, 2.5945, -0.9820



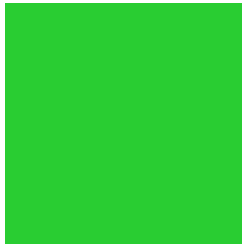
32.4073, 62.9731, -37.0003



7.3833, 14.3817, -8.6983

Previews

White Background



This preview shows how the HunterLab color 66.6066, -54.0618, 37.4101 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 66.6066, -54.0618, 37.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

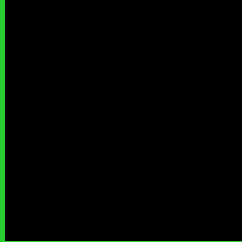
Any Text WCAG AA ✓ Pass

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 66.6066, -54.0618, 37.4101 Background



This preview shows how black text looks on a background with the HunterLab color 66.6066, -54.0618, 37.4101.



This preview shows how white text looks on a background with the HunterLab color 66.6066,

-54.0618, 37.4101.

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

66.6066, -54.0618, 37.4101

Protanopia

66.0488, -8.9784, 38.4902

Deuteranopia

65.7531, 5.1608, 36.0977



Tritanopia

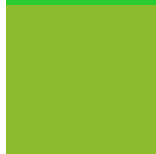
66.3641, -23.8615, -12.2635

Trichromacy



Original Color

66.6066, -54.0618, 37.4101



Protanomaly

64.3433, -31.4616, 36.7155



Deuteranomaly

63.5158, -24.4343, 34.7198



Tritanomaly

65.6493, -38.7746, 13.7149

Monochromacy



Original Color

66.6066, -54.0618, 37.4101



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

54.5572, -26.3898, 18.3373

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.6066, -54.0618, 37.4101 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(41, 205, 50)` looks like.

```
.text, #text, p{  
    color:rgb(41, 205, 50)  
}
```

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(41, 205, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 205, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 66.6066, -54.0618, 37.4101 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(41, 205, 50) }
```


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

```
.border{ border-color:rgb(41, 205, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 205, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 205, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 205, 50);  
box-shadow:4px 4px 4px 4px rgb(41, 205,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.6066, -54.0618, 37.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 205, 50) }
```

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

```
.background{ background-color: rgb(41, 205,  
50) }
```

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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