

Converting Colors

HunterLab(54.3454, -29.6925,
21.3242)

Have a look what the booklet for
HunterLab(54.3454, -29.6925,
21.3242) contains.

HunterLab(54.2544, -29.6808, 21.3392)	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(54.2544,
-29.6808, 21.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA35E
RGB	95, 163, 94
RGB Percent	37%, 64%, 37%
CMY	0.6274, 0.3608, 0.6314
CMYK	0.42, 0.00, 0.42, 0.36
HSL	119°, 27%, 50%
HSV	119°, 42%, 64%
XYZ	19.8369, 29.4354, 15.2257
YIQ	134.8020, -18.3790, -35.8750

Conversions

Conversions Part 2

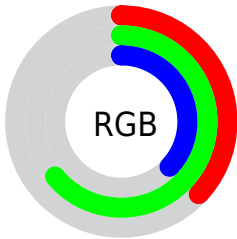
Format	Color
R_{YB}	94, 163, 162
Decimal	6267742
CIE _{Lab}	61.17, -36.02, 29.23
CIE _{LCh}	61, 46.389, 140.938
Yxy	29.4366, 0.3076, 0.4564
Android (android.graphics.Color)	4284457822 (0xFF5FA35E)
YUV	134.8020, -20.1154, -34.9064
Hunter-Lab	54.2544, -29.6808, 21.3392

Details

The HunterLab color $54.2544, -29.6808, 21.3392$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $42.8159, 31.4452, -21.0513$, and the grayscale version is $49.2269, -2.6266, 2.6746$.

A 20% lighter version of the original color is $76.5354, -34.6374, 25.8024$, and $34.7252, -24.1058, 16.5622$ is the 20% darker color. If you saturate the color by 10%, you get $53.2924, -34.0390, 24.2861$, and if you desaturate by 10%, it is $55.4181, -24.5341, 17.8439$.

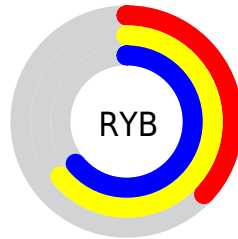
Distribution



Red (37%)

Green (64%)

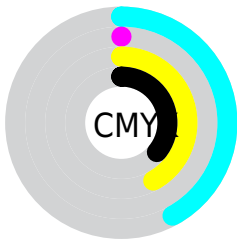
Blue (37%)



Red (37%)

Yellow (64%)

Blue (64%)

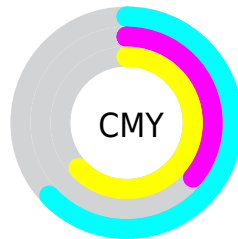


Cyan (42%)

Magenta (0%)

Yellow (42%)

Black (36%)



Cyan (63%)

Magenta (36%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.2544, -29.6808, 21.3392 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 54.2544, -29.6808, 21.3392 by changing the saturation by 10% instead.

■ 54.2544, -29.6808,
21.3392

■ 54.2544, -29.6808,
21.3392

172.9941,
-51.0926, 40.0680

■ 44.0583, -26.9264,
18.9581

■ 76.6617, -34.8493,
25.8226

■ 34.5947, -24.0083,
16.4436

■ 88.7959, -37.3086,
27.9638

■ 25.9265, -20.8674,
13.7502

■ 101.5103,
-39.7063, 30.0564

■ 18.1349, -17.4061,
11.0352

■ 114.7796,
-42.0537, 32.1101

■ 11.3326, -15.1774,
7.9328

128.5814,
-44.3595, 34.1326

■ 3.5914, -6.2849,
2.5140

142.8960,

0.0000, NaN, NaN

-46.6310, 36.1299

0.0000, NaN, NaN

157.7056,
-48.8737, 38.1070

0.0000, NaN, NaN

■ 54.2544, -29.6808,
21.3392

■ 54.2544, -29.6808,
21.3392

■ 53.2924, -34.0390,
24.2861

■ 55.4181, -24.5341,
17.8439

■ 52.5256, -37.5712,
26.6606

■ 56.7798, -18.6516,
13.8362

■ 51.9476, -40.2704,
28.4597


■ 58.3375, -12.1039,
9.3638


■ 51.5467, -42.1611,
29.7025


■ 60.0859, -4.9686,
4.4800


■ 51.3052, -43.3055,
30.4351

■ 62.0176, 2.6743,
-0.7602

 51.1964, -43.8245,
30.7798

 64.1242, 10.7471,
-6.3030

 66.3967, 19.1771,
-12.0982

 68.8253, 27.8991,
-18.1004

 71.4007, 36.8561,
-24.2699

Harmonies

Analogous

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



54.2555, -15.9871, 27.2382



54.2544, -29.6808, 21.3392



54.2555, -35.9341, 8.4125

Triad

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



54.2555, -29.6817, 21.3396



54.2555, -8.8315, -47.1156



54.2555, 37.9629, 14.4827

Complementary

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



54.2544, -29.6808, 21.3392



42.8159, 31.4452, -21.0513

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.



54.2555, 40.6154, -3.1397



54.2544, -29.6808, 21.3392



54.2555, 11.5635, -43.6186

Square

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



54.2555, -29.6817, 21.3396



54.2555, -25.0976, -33.8923



54.2555, 30.3633, -25.5788



54.2555, 23.5681, 24.3947

Rectangle

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



54.2544, -29.6808, 21.3392



54.2555, -35.7710, -4.4691



54.2555, 30.3633, -25.5788



54.2555, 40.3320, 9.4557

Sweetspot

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



54.2555, -29.6817, 21.3396



77.8684, -17.0290, 13.0992



58.6379, -11.2327, 25.2279



36.6853, -8.9776, 6.8281



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



54.2555, -29.6817, 21.3396



71.3621, -45.3473, 32.3623



54.8788, -25.8859, 11.5399



28.1064, -4.7645, 3.7769



45.1348, -38.6258, 27.1356



6.5531, -5.5539, 3.9408

Inverse Universe

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



42.8159, 31.4452, -21.0513



53.1905, 52.4394, -35.4785



41.7073, 25.9351, -3.6949



26.8271, 1.9850, -0.9009



28.1367, 55.4889, -38.4376



4.0973, 8.0707, -5.5221

Previews

White Background



This preview shows how the HunterLab color 54.2544, -29.6808, 21.3392 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 54.2544, -29.6808, 21.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

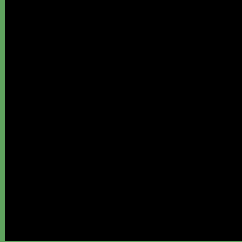
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 54.2544, -29.6808, 21.3392 Background



This preview shows how black text looks on a background with the HunterLab color 54.2544, -29.6808, 21.3392.



This preview shows how white text looks on a background with the HunterLab color 54.2544,

-29.6808, 21.3392.

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

54.2544, -29.6808, 21.3392

Protanopia

53.9899, -5.5690, 23.0320

Deuteranopia

53.7467, 4.0319, 20.1672



Tritanopia

53.9930, -12.3759, -7.0923

Trichromacy



Original Color

54.2544, -29.6808, 21.3392

Protanomaly

53.7020, -15.6899, 22.1368

Deuteranomaly

53.1469, -9.7799, 19.9612

Tritanomaly

53.8056, -19.5178, 5.4732

Monochromacy



Original Color

54.2544, -29.6808, 21.3392

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

50.5964, -13.5355, 10.1178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.2544, -29.6808, 21.3392 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(95, 163, 94)` looks like.

```
.text, #text, p{  
    color:rgb(95, 163, 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(95, 163, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 163, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 54.2544, -29.6808, 21.3392 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(95, 163, 94) }
```


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

```
.border{ border-color:rgb(95, 163, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 163, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 163, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 163, 94);  
box-shadow:4px 4px 4px 4px rgb(95, 163,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.2544, -29.6808, 21.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 163, 94) }
```

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

```
.background{ background-color: rgb(95, 163,  
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