

Converting Colors

HunterLab(28.9213, -13.2471,
12.6089)

Have a look what the booklet for
HunterLab(28.9213, -13.2471,
12.6089) contains.

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Color

**HunterLab(28.9540,
-13.2058, 12.7307)**

Conversions

Conversions Part 1

Format	Color
Hex	3F592C
RGB	63, 89, 44
RGB Percent	25%, 35%, 17%
CMY	0.7529, 0.6510, 0.8274
CMYK	0.29, 0.00, 0.51, 0.65
HSL	95°, 34%, 26%
HSV	95°, 51%, 35%
XYZ	6.0769, 8.3833, 3.6807
YIQ	76.0960, -1.0510, -19.5070

Conversions

Conversions Part 2

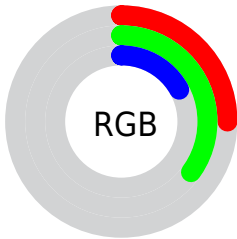
Format	Color
R_{YB}	44, 89, 70
Decimal	4151596
CIE Lab	34.77, -18.90, 22.86
CIE LCh	35, 29.665, 129.576
Yxy	8.3837, 0.3350, 0.4621
Android (android.graphics.Color)	4282341676 (0xFF3F592C)
YUV	76.0960, -15.8233, -11.4852
Hunter-Lab	28.9540, -13.2058, 12.7307

Details

The HunterLab color $[28.9540, -13.2058, 12.7307]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[19.5574, 13.5081, -16.3657]$, and the grayscale version is $[26.9735, -1.4392, 1.4655]$.

A 20% lighter version of the original color is $[47.6081, -16.5641, 16.7198]$, and $[13.6609, -9.1096, 8.2583]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.5698, -14.9211, 14.0271]$, and if you desaturate by 10%, it is $[29.3859, -11.2937, 11.1380]$.

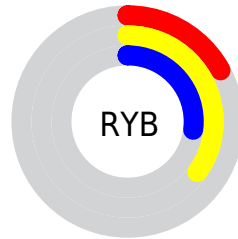
Distribution



Red (25%)

Green (35%)

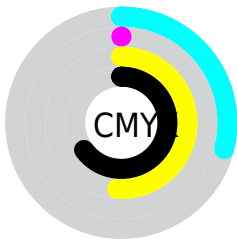
Blue (17%)



Red (17%)

Yellow (35%)

Blue (27%)

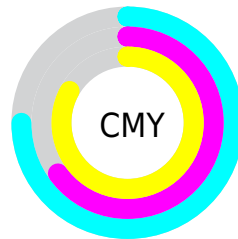


Cyan (29%)

Magenta (0%)

Yellow (51%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9540, -13.2058, 12.7307 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 28.9540, -13.2058, 12.7307 by changing the saturation by 10% instead.

■ 28.9540, -13.2058,
12.7307

■ 28.9540, -13.2058,
12.7307

■ 133.6830,
-27.6800, 29.4420

■ 20.8361, -11.3356,
10.4537

■ 47.6522, -16.6601,
16.8496

■ 13.6614, -9.2932,
8.7741

■ 58.1011, -18.3009,
18.7707

■ 7.2665, -11.7213,
5.0865

■ 69.2187, -19.9063,
20.6315

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.9668, -21.4867,
22.4472

0.0000, NaN, NaN

■ 93.3133, -23.0493,
24.2287

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2305,

-24.5998, 25.9843

0.0000, NaN, NaN

119.6942,
-26.1423, 27.7205

■ 28.9540, -13.2058,
12.7307

■ 28.9540, -13.2058,
12.7307

■ 28.5698, -14.9211,
14.0271

■ 29.3859, -11.2937,
11.1380

■ 28.2307, -16.4330,
15.0307

■ 29.8636, -9.1902,
9.2494

■ 27.9366, -17.7408,
15.7520

■ 30.3875, -6.9056,
7.0704

■ 27.6855, -18.8489,
16.2131

■ 30.9572, -4.4507,
4.6096

■ 27.4757, -19.7809,
16.5841

■ 31.5716, -1.8377,
1.8785

■ 32.2300, 0.9208,
-1.1096

■ 32.9311, 3.8122,
-4.3400

■ 33.6735, 6.8238,
-7.7973

■ 34.4560, 9.9434,
-11.4655

Harmonies

Analogous

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



28.9546, -4.7953, 14.7507



28.9540, -13.2058, 12.7307



28.9546, -17.9904, 7.4545

Triad

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



28.9546, -13.2064, 12.7309



28.9546, -8.1934, -22.4879



28.9546, 20.9030, 4.5625

Complementary

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



28.9540, -13.2058, 12.7307



19.5574, 13.5081, -16.3657

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.



28.9546, 19.6539, -5.8710



28.9540, -13.2058, 12.7307



28.9546, 1.8522, -24.1227

Square

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



28.9546, -13.2064, 12.7309



28.9546, -15.3919, -13.3334



28.9546, 12.3118, -17.2313



28.9546, 15.5167, 11.2575

Rectangle

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



28.9540, -13.2058, 12.7307



28.9546, -18.9377, 1.7165



28.9546, 12.3118, -17.2313



28.9546, 21.2606, 1.4349

Sweetspot

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



28.9546, -13.2064, 12.7309



40.0863, -7.4192, 7.6490



25.7372, 1.6619, 10.3986



20.1271, -3.9505, 4.0661



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



28.9546, -13.2064, 12.7309



37.2291, -19.9915, 18.6763



28.0817, -16.5700, 11.3354



15.3888, -1.9754, 2.0476



33.3153, -24.2261, 20.1046



78.6404, -58.7565, 47.4292

Inverse Universe

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



19.5574, 13.5081, -16.3657



22.4289, 22.6138, -28.4605



21.4413, 18.2599, -10.8147



14.5300, 0.4180, -0.5034



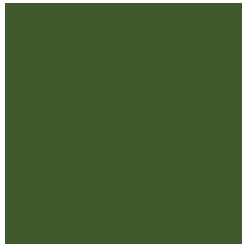
14.4361, 32.0899, -47.7853



33.4245, 75.1162, -116.9718

Previews

White Background



This preview shows how the HunterLab color 28.9540, -13.2058, 12.7307 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

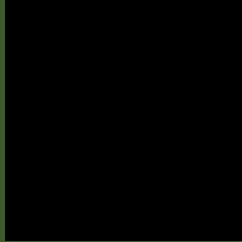
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 28.9540, -13.2058, 12.7307 Background



This preview shows how black text looks on a background with the HunterLab color 28.9540, -13.2058, 12.7307.



This preview shows how white text looks on a background with the HunterLab color 28.9540,

-13.2058, 12.7307.

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

28.9540, -13.2058, 12.7307

Protanopia

28.9403, -3.4511, 13.2848

Deuteranopia

28.8213, 1.4820, 12.2531



Tritanopia

28.9794, -3.9973, -2.4627

Trichromacy



Original Color

28.9540, -13.2058, 12.7307

Protanomaly

28.9429, -7.5231, 13.0209

Deuteranomaly

28.6536, -4.3676, 12.2313

Tritanomaly

28.8847, -8.0406, 4.3597

Monochromacy



Original Color

28.9540, -13.2058, 12.7307

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.5583, -6.3433, 6.4348

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9540, -13.2058, 12.7307 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(63, 89, 44)` looks like.

```
.text, #text, p{  
    color:rgb(63, 89, 44)  
}
```

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(63, 89, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 89, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9540, -13.2058, 12.7307 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(63, 89, 44) }
```


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

```
.border{ border-color:rgb(63, 89, 44) }
```

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

Here you see how a box with a 4 pixel rgb(63, 89, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 89, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 89, 44);  
box-shadow:4px 4px 4px 4px rgb(63, 89, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.9540, -13.2058, 12.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 89, 44) }
```

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

```
.background{ background-color: rgb(63, 89,  
44) }
```

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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