

Converting Colors

HunterLab(29.0249, -5.9775,
0.0926)

Have a look what the booklet for
HunterLab(29.0249, -5.9775, 0.0926)
contains.

HunterLab(28.9514, -5.8288, 0.1372)	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(28.9514, -5.8288,
0.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	445555
RGB	68, 85, 85
RGB Percent	27%, 33%, 33%
CMY	0.7333, 0.6667, 0.6667
CMYK	0.20, 0.00, 0.00, 0.67
HSL	180°, 11%, 30%
HSV	180°, 20%, 33%
XYZ	7.2721, 8.3818, 9.8289
YIQ	79.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

Format	Color
RYB	68, 77, 85
Decimal	4478293
CIELab	34.77, -6.55, -2.19
CIELCh	35, 6.910, 198.476
Yxy	8.3822, 0.2854, 0.3289
Android (android.graphics.Color)	4282668373 (0xFF445555)
YUV	79.9170, 2.5059, -10.4512
Hunter-Lab	28.9514, -5.8288, 0.1372

Details

The HunterLab color $28.9514, -5.8288, 0.1372$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $25.4620, 3.5131, 3.0156$, and the grayscale version is $28.2875, -1.5094, 1.5369$.

A 20% lighter version of the original color is $47.7391, -7.8661, 0.8111$, and $13.6564, -4.0509, -0.3715$ is the 20% darker color. If you saturate the color by 10%, you get $28.4576, -7.6385, -0.5041$, and if you desaturate by 10%, it is $29.5133, -3.8143, 0.8532$.

Distribution



Red (27%)

Green (33%)

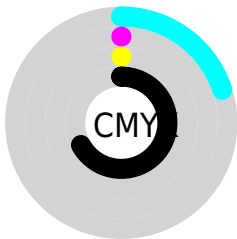
Blue (33%)



Red (27%)

Yellow (30%)

Blue (33%)

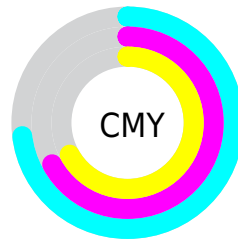


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9514, -5.8288, 0.1372 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 28.9514, -5.8288, 0.1372 by changing the saturation by 10% instead.

■ 28.9514, -5.8288,
0.1372

■ 28.9514, -5.8288,
0.1372

133.6786,
-14.4106, 4.9193

■ 20.8338, -4.9223,
-0.1627

■ 47.6491, -7.6450,
0.9074

■ 13.6593, -3.9986,
-0.3943

■ 58.0978, -8.5661,
1.3649

■ 7.2641, -4.3197,
-0.8542

■ 69.2152, -9.5004,
1.8653

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.9631, -10.4494,
2.4055

0.0000, NaN, NaN

■ 93.3094, -11.4144,
2.9830

0.0000, NaN, NaN

106.2264,

0.0000, NaN, NaN

-12.3960, 3.5956

0.0000, NaN, NaN

119.6899,
-13.3946, 4.2415

■ 28.9514, -5.8288,
0.1372

■ 28.9514, -5.8288,
0.1372

■ 28.4576, -7.6385,
-0.5041

■ 29.5133, -3.8143,
0.8532

■ 28.0303, -9.2296,
-1.0679

■ 30.1406, -1.6084,
1.6375

■ 27.6695, -10.5939,
-1.5509

■ 30.8329, 0.7720,
2.4851

■ 27.3738, -11.7268,
-1.9516

■ 31.5882, 3.3097,
3.3898

■ 27.1408, -12.6289,
-2.2705

■ 32.4045, 5.9872,
4.3459

■ 26.9672, -13.3067,
-2.5099

■ 33.2797, 8.7877,
5.3475

■ 26.8477, -13.7763,
-2.6756

■ 34.2111, 11.6952,
6.3890

■ 26.7453, -14.1803,
-2.8180

■ 35.1962, 14.6949,
7.4653

■ 36.2325, 17.7733,
8.5717

Harmonies

Analogous

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



28.9520, -5.9666, 2.4465



28.9514, -5.8288, 0.1372



28.9520, -4.5673, -1.9381

Triad

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



28.9520, -5.8293, 0.1376



28.9520, 2.0207, -1.5151



28.9520, -0.6108, 5.5867

Complementary

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



28.9514, -5.8288, 0.1372



25.4620, 3.5131, 3.0156

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.



28.9520, 1.6038, 4.6982



28.9514, -5.8288, 0.1372



28.9520, 3.1560, 0.6775

Square

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



28.9520, -5.8293, 0.1376



28.9520, -0.0568, -2.9450



28.9520, 3.0010, 2.9440



28.9520, -3.0064, 5.4681

Rectangle

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



28.9514, -5.8288, 0.1372



28.9520, -3.2341, -2.8521



28.9520, 3.0010, 2.9440



28.9520, 0.1809, 5.3991

Sweetspot

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



28.9520, -5.8293, 0.1376



38.8361, -3.9130, 1.4933



28.5550, -8.1148, 6.0979



19.6449, -2.0278, 0.7391



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.9520, -5.8293, 0.1376



37.4818, -8.7768, -0.2339



26.7630, -2.3981, -2.5913



15.3686, -1.8492, 0.4902



34.0584, -18.0578, -3.5885



80.7229, -42.7996, -8.5046

Inverse Universe

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



25.4620, 3.5131, 3.0156



31.8749, 6.2681, 4.4018



27.4732, -0.0672, 5.1250



14.5595, 0.3095, 1.1550



17.6975, 30.3076, 11.4349



41.9454, 71.8329, 27.1034

Previews

White Background



This preview shows how the HunterLab color 28.9514, -5.8288, 0.1372 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



This preview shows how the HunterLab color 28.9514, -5.8288, 0.1372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

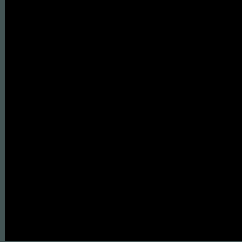
Any Text WCAG AA × Fail

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 28.9514, -5.8288, 0.1372 Background



This preview shows how black text looks on a background with the HunterLab color 28.9514, -5.8288, 0.1372.



This preview shows how white text looks on a background with the HunterLab color 28.9514, -5.8288, 0.1372.

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

28.9514, -5.8288, 0.1372

Protanopia

28.8936, -0.7022, 0.9989

Deuteranopia

28.7925, 1.7274, -0.3575



Tritanopia

28.9157, -4.2246, -2.5505

Trichromacy



Original Color

28.9514, -5.8288, 0.1372

Protanomaly

28.8000, -2.3077, 0.4388

Deuteranomaly

28.7441, -1.0545, -0.4666

Tritanomaly

28.8568, -4.5534, -1.7170

Monochromacy



Original Color

28.9514, -5.8288, 0.1372

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.6012, -3.1149, 1.0214

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9514, -5.8288, 0.1372 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(68, 85, 85)` looks like.

```
.text, #text, p{  
    color:rgb(68, 85, 85)  
}
```

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(68, 85, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 85, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9514, -5.8288, 0.1372 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(68, 85, 85) }
```


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

```
.border{ border-color:rgb(68, 85, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 85, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 85, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 85, 85);  
box-shadow:4px 4px 4px 4px rgb(68, 85, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.9514, -5.8288, 0.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 85, 85) }
```

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

```
.background{ background-color: rgb(68, 85,  
85) }
```

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