

Converting Colors

HunterLab(28.1965, -5.8309,
-0.3643)

Have a look what the booklet for
HunterLab(28.1965, -5.8309,
-0.3643) contains.

HunterLab(28.1965, -5.8309, -0.3643)	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(28.1965, -5.8309,
-0.3643)**

Conversions

Conversions Part 1

Format	Color
Hex	415354
RGB	65, 83, 84
RGB Percent	25%, 33%, 33%
CMY	0.7451, 0.6745, 0.6706
CMYK	0.23, 0.01, 0.00, 0.67
HSL	183°, 13%, 29%
HSV	183°, 23%, 33%
XYZ	6.8735, 7.9504, 9.5598
YIQ	77.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

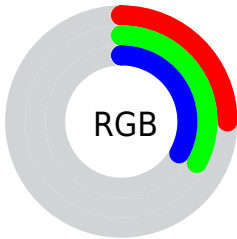
Format	Color
RYB	65, 74, 84
Decimal	4281172
CIELab	33.88, -6.69, -2.89
CIELCh	34, 7.284, 203.391
Yxy	7.9508, 0.2819, 0.3261
Android (android.graphics.Color)	4282471252 (0xFF415354)
YUV	77.7320, 3.0901, -11.1660
Hunter-Lab	28.1965, -5.8309, -0.3643

Details

The HunterLab color $28.1965, -5.8309, -0.3643$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $24.8252, 3.7138, 3.4179$, and the grayscale version is $27.4979, -1.4672, 1.4940$.

A 20% lighter version of the original color is $46.5904, -7.6093, 0.3367$, and $13.0082, -3.9846, -0.8028$ is the 20% darker color. If you saturate the color by 10%, you get $27.6002, -7.3966, -1.1405$, and if you desaturate by 10%, it is $28.8563, -4.0697, 0.4761$.

Distribution



Red (25%)

Green (33%)

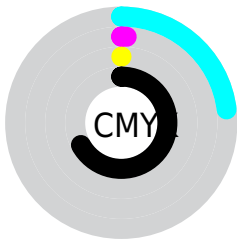
Blue (33%)



Red (25%)

Yellow (29%)

Blue (33%)

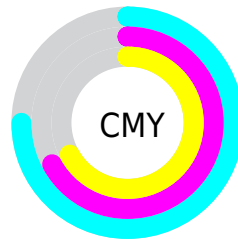


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (67%)



Cyan (75%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.1965, -5.8309, -0.3643 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 28.1965, -5.8309, -0.3643 by changing the saturation by 10% instead.

■ 28.1965, -5.8309,
-0.3643

■ 28.1965, -5.8309,
-0.3643

■ 132.4180,
-14.4632, 4.0958

■ 20.1580, -4.9138,
-0.6147

■ 46.7566, -7.6630,
0.3191

■ 13.0733, -3.9760,
-0.7909

■ 57.1440, -8.5905,
0.7376

■ 6.5540, -4.7949,
-1.4722

■ 68.2038, -9.5305,
1.2013

0.0000, NaN, NaN

■ 79.8972, -10.4847,
1.7067

0.0000, NaN, NaN

■ 92.1917, -11.4545,
2.2510

0.0000, NaN, NaN

■ 105.0591,

0.0000, NaN, NaN

-12.4405, 2.8319

0.0000, NaN, NaN

118.4751,
-13.4433, 3.4474

■ 28.1965, -5.8309,
-0.3643

■ 28.1965, -5.8309,
-0.3643

■ 27.6002, -7.3966,
-1.1405

■ 28.8563, -4.0697,
0.4761

■ 27.0664, -8.7534,
-1.8485

■ 29.5768, -2.1259,
1.3739

■ 26.5956, -9.8926,
-2.4838

■ 30.3568, -0.0153,
2.3235

■ 26.1870, -10.8086,
-3.0433

■ 31.1944, 2.2463,
3.3191

■ 25.8390, -11.5012,
-3.5257

■ 32.0875, 4.6433,
4.3551

■ 25.5488, -11.9755,
-3.9315

■ 33.0337, 7.1604,
5.4261

■ 25.3069, -12.2645,
-4.2716

■ 34.0306, 9.7836,
6.5274

■ 25.1333, -12.4596,
-4.5178

■ 35.0759, 12.4997,
7.6545

■ 36.1669, 15.2969,
8.8035

Harmonies

Analogous

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



28.1971, -6.1752, 2.0620



28.1965, -5.8309, -0.3643



28.1971, -4.3474, -2.4362

Triad

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



28.1971, -5.8313, -0.3639



28.1971, 2.5041, -1.3651



28.1971, -0.9443, 5.7537

Complementary

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



28.1965, -5.8309, -0.3643



24.8252, 3.7138, 3.4179

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.



28.1971, 1.4525, 5.0010



28.1965, -5.8309, -0.3643



28.1971, 3.4882, 0.9973

Square

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



28.1971, -5.8313, -0.3639



28.1971, 0.4504, -3.0489



28.1971, 3.0968, 3.3101



28.1971, -3.4105, 5.4586

Rectangle

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



28.1965, -5.8309, -0.3643



28.1971, -2.8824, -3.2670



28.1971, 3.0968, 3.3101



28.1971, -0.1027, 5.6171

Sweetspot

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



28.1971, -5.8313, -0.3639



38.6412, -4.0264, 1.2582



28.0310, -8.7302, 6.2337



19.5487, -2.0676, 0.6233



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.



28.1971, -5.8313, -0.3639



36.8381, -8.8405, -1.0375



25.6939, -1.8973, -3.5557



14.5059, -1.6561, 0.4097



31.5350, -15.5995, -5.7411



75.4569, -37.1261, -14.1700

Inverse Universe

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



25.0801, 6.6986, -3.7756



31.8137, 11.4906, -6.6845



27.1294, -0.3855, 5.7804



13.8936, 0.7704, -0.2167



19.6925, 38.3038, -22.7761



47.2479, 91.8330, -54.1165

Previews

White Background



This preview shows how the HunterLab color 28.1965, -5.8309, -0.3643 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

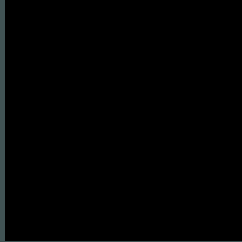
Any Text WCAG AA × Fail

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 28.1965, -5.8309, -0.3643 Background



This preview shows how black text looks on a background with the HunterLab color 28.1965, -5.8309, -0.3643.



This preview shows how white text looks on a background with the HunterLab color 28.1965, -5.8309, -0.3643.

-0.3643.

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

28.1965, -5.8309, -0.3643

Protanopia

28.1187, -0.7895, 0.4809

Deuteranopia

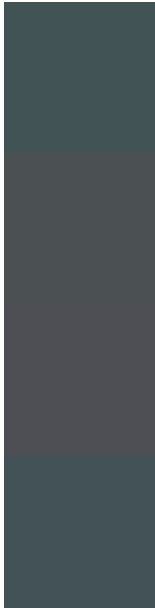
28.0979, 1.9043, -0.7879



Tritanopia

28.1320, -4.3889, -2.6610

Trichromacy



Original Color

28.1965, -5.8309, -0.3643

Protanomaly

28.0316, -2.3688, -0.0778

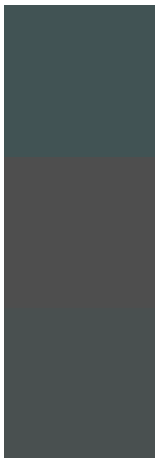
Deuteranomaly

28.0491, -0.8637, -0.8980

Tritanomaly

28.0730, -4.7184, -1.8276

Monochromacy



Original Color

28.1965, -5.8309, -0.3643

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.8082, -3.3190, 0.8958

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.1965, -5.8309, -0.3643 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(65, 83, 84)` looks like.

```
.text, #text, p{  
    color:rgb(65, 83, 84)  
}
```

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(65, 83, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 83, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 28.1965, -5.8309, -0.3643 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(65, 83, 84) }
```


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

```
.border{ border-color:rgb(65, 83, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 83, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 83, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 83, 84);  
box-shadow:4px 4px 4px 4px rgb(65, 83, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.1965, -5.8309, -0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 83, 84) }
```

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

```
.background{ background-color: rgb(65, 83,  
84) }
```

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