

Converting Colors

HunterLab(29.1066, -13.8038,
-6.5822)

Have a look what the booklet for
HunterLab(29.1066, -13.8038,
-6.5822) contains.

HunterLab(28.9535, -13.7200, -6.5719)	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(28.9535,
-13.7200, -6.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	005B63
RGB	0, 91, 99
RGB Percent	0%, 36%, 39%
CMY	1.0000, 0.6431, 0.6118
CMYK	1.00, 0.08, 0.00, 0.61
HSL	185°, 100%, 19%
HSV	185°, 100%, 39%
XYZ	5.9932, 8.3831, 13.1066
YIQ	64.7030, -56.8040, -16.8040

Conversions

Conversions Part 2

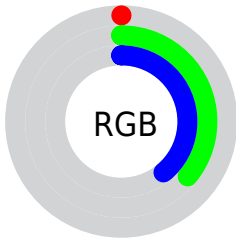
Format	Color
RYB	0, 47, 99
Decimal	23395
CIELab	34.77, -19.82, -11.22
CIELCh	35, 22.772, 209.515
Yxy	8.3834, 0.2181, 0.3050
Android (android.graphics.Color)	4278213475 (0xFF005B63)
YUV	64.7030, 16.9084, -56.7445
Hunter-Lab	28.9535, -13.7200, -6.5719

Details

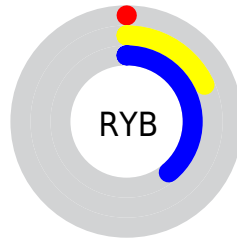
The HunterLab color **28.9535, -13.7200, -6.5719** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.8124, 26.1344, 10.8163**, and the grayscale version is **22.8462, -1.2190, 1.2413**.

A 20% lighter version of the original color is **47.5304, -16.9747, -7.0022**, and **14.6076, -6.2441, -4.7791** is the 20% darker color. If you saturate the color by 10%, you get **28.9537, -13.7201, -6.5719**, and if you desaturate by 10%, it is **29.2998, -13.5871, -6.0709**.

Distribution



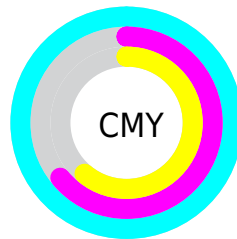
- Red (0%)
- Green (36%)
- Blue (39%)



- Red (0%)
- Yellow (18%)
- Blue (39%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9535, -13.7200, -6.5719 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 28.9535, -13.7200, -6.5719 by changing the saturation by 10% instead.

■ 28.9535, -13.7200,
-6.5719

■ 28.9535, -13.7200,
-6.5719

■ 133.6820,
-28.6446, -5.2525

■ 20.8356, -11.7741,
-6.3889

■ 47.6515, -17.3001,
-6.6957

■ 13.6609, -9.6440,
-6.1181

■ 58.1004, -18.9962,
-6.6524

■ 7.2660, -12.2726,
-6.4644

■ 69.2179, -20.6530,
-6.5475

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.9660, -22.2816,
-6.3861

0.0000, NaN, NaN

■ 93.3124, -23.8898,
-6.1725

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2296,

-25.4835, -5.9104

0.0000, NaN, NaN

119.6932,
-27.0673, -5.6028

28.9535, -13.7200,
-6.5719

28.9535, -13.7200,
-6.5719

28.9537, -13.7201,
-6.5719

29.2998, -13.5871,
-6.0709

29.6758, -13.3388,
-5.5321

30.1196, -12.8318,
-4.9022

30.6357, -12.0532,
-4.1791

31.2270, -10.9992,
-3.3637

■ 31.8948, -9.6730,
-2.4597

■ 32.6395, -8.0834,
-1.4724

■ 33.4603, -6.2438,
-0.4084

■ 34.3559, -4.1708,
0.7250

Harmonies

Analogous

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



28.9540, -15.3412, 1.6993



28.9535, -13.7200, -6.5719



28.9540, -8.9230, -14.0249

Triad

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



28.9540, -13.7200, -6.5715



28.9540, 12.8899, -6.8446



28.9540, -1.4165, 12.6980

Complementary

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



28.9535, -13.7200, -6.5719



16.8124, 26.1344, 10.8163

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.



28.9540, 6.6515, 11.5399



28.9535, -13.7200, -6.5719



28.9540, 15.4398, 1.4523

Square

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



28.9540, -13.7200, -6.5715



28.9540, 6.4026, -14.2103



28.9540, 13.0441, 7.8813



28.9540, -8.7209, 11.6140

Rectangle

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



28.9535, -13.7200, -6.5719



28.9540, -4.2847, -16.7514



28.9540, 13.0441, 7.8813



28.9540, 1.2975, 12.5642

Sweetspot

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



28.9540, -13.7200, -6.5715



42.6611, -10.7804, -2.0444



29.8971, -25.4634, 17.6004



20.6604, -5.5560, -1.1792



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



28.9540, -13.7200, -6.5715



37.8337, -17.8602, -8.7338



16.1920, 5.9786, -33.1426



16.9192, -1.9250, 0.4212



33.0172, -15.6149, -7.5604



75.9167, -35.5975, -18.0445

Inverse Universe

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



18.4614, 35.7045, -19.7867



24.1651, 46.7174, -25.7330



23.4333, 8.9996, 14.5964



16.2029, 0.9601, -0.2545



21.0709, 40.7447, -22.5087



48.6391, 93.9554, -51.2010

Previews

White Background



This preview shows how the HunterLab color 28.9535, -13.7200, -6.5719 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 28.9535, -13.7200, -6.5719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

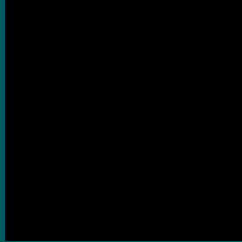
Any Text WCAG AA × Fail

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 28.9535, -13.7200, -6.5719 Background



This preview shows how black text looks on a background with the HunterLab color 28.9535, -13.7200, -6.5719.



This preview shows how white text looks on a background with the HunterLab color 28.9535,

-13.7200, -6.5719.

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

28.9535, -13.7200, -6.5719

Protanopia

28.9493, 0.0626, -3.3700

Deuteranopia

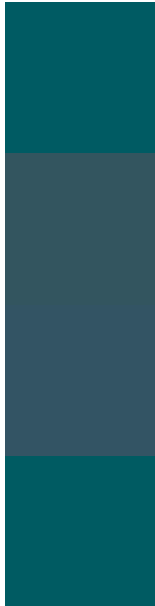
28.9523, 1.8981, -7.3394



Tritanopia

28.9206, -13.9138, -6.1123

Trichromacy



Original Color

28.9535, -13.7200, -6.5719

Protanomaly

28.3320, -7.4995, -5.3296

Deuteranomaly

28.2215, -6.1515, -8.0471

Tritanomaly

28.9206, -13.9138, -6.1123

Monochromacy



Original Color

28.9535, -13.7200, -6.5719

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.2998, -7.9792, -2.2975

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9535, -13.7200, -6.5719 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(0, 91, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 91, 99)  
}
```

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(0, 91, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 91, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9535, -13.7200, -6.5719 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(0, 91, 99) }
```


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

```
.border{ border-color:rgb(0, 91, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 91, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 91, 99); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 91, 99); box-shadow:4px  
4px 4px 4px rgb(0, 91, 99) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.9535, -13.7200, -6.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 91, 99) }
```

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

```
.background{ background-color: rgb(0, 91,  
99) }
```

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