

Converting Colors

HunterLab(28.1383, -10.9761,
-4.8926)

Have a look what the booklet for
HunterLab(28.1383, -10.9761,
-4.8926) contains.

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Color

**HunterLab(28.1603,
-11.1775, -4.6473)**

Conversions

Conversions Part 1

Format	Color
Hex	21575D
RGB	33, 87, 93
RGB Percent	13%, 34%, 36%
CMY	0.8706, 0.6588, 0.6353
CMYK	0.65, 0.06, 0.00, 0.64
HSL	186°, 48%, 25%
HSV	186°, 65%, 36%
XYZ	6.0112, 7.9300, 11.5698
YIQ	71.5380, -34.1100, -9.5820

Conversions

Conversions Part 2

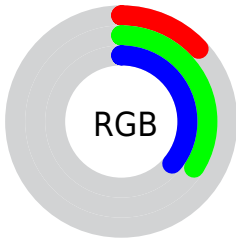
Format	Color
R_{YB}	33, 61, 93
Decimal	2185053
CIE _{Lab}	33.84, -15.60, -8.80
CIE _{LCh}	34, 17.916, 209.431
Yxy	7.9303, 0.2356, 0.3109
Android (android.graphics.Color)	4280375133 (0xFF21575D)
YUV	71.5380, 10.5808, -33.7978
Hunter-Lab	28.1603, -11.1775, -4.6473




Details

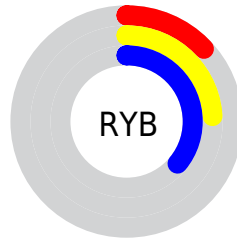
The HunterLab color **28.1603, -11.1775, -4.6473** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **19.7185, 15.4115, 8.0933**, and the grayscale version is **25.2655, -1.3481, 1.3727**.




A 20% lighter version of the original color is **46.6967, -14.2517, -4.4700**, and **13.3832, -6.0014, -3.7725** is the 20% darker color. If you saturate the color by 10%, you get **27.6548, -11.7406, -5.3675**, and if you desaturate by 10%, it is **28.7353, -10.3619, -3.8428**.

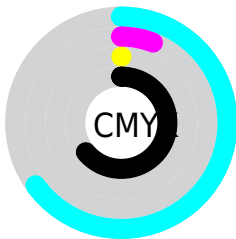
Distribution







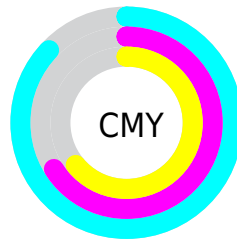
-  Red (13%)
-  Green (34%)
-  Blue (36%)






-  Red (13%)
-  Yellow (24%)
-  Blue (36%)



-  Cyan (65%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (66%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.1603, -11.1775, -4.6473 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 28.1603, -11.1775, -4.6473 by changing the saturation by 10% instead.

■ 28.1603, -11.1775,
-4.6473

■ 28.1603, -11.1775,
-4.6473

■ 132.3573,
-24.0617, -2.5012

■ 20.1256, -9.5632,
-4.5679

■ 46.7137, -14.1919,
-4.5672

■ 13.0453, -7.8148,
-4.3955

■ 57.0982, -15.6388,
-4.4262

■ 6.5178, -10.7802,
-5.2851

■ 68.1551, -17.0631,
-4.2267

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.8459, -18.4728,
-3.9738

0.0000, NaN, NaN

■ 92.1379, -19.8738,
-3.6716

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.0029,

-21.2702, -3.3235

0.0000, NaN, NaN

118.4166,
-22.6654, -2.9326

28.1603, -11.1775,
-4.6473

28.1603, -11.1775,
-4.6473

27.6548, -11.7406,
-5.3675

28.7353, -10.3619,
-3.8428

27.2144, -12.0565,
-6.0037

29.3796, -9.2949,
-2.9585

26.8269, -12.1713,
-6.5704

30.0940, -7.9839,
-1.9991

26.6172, -12.2240,
-6.8809

30.8781, -6.4401,
-0.9709

31.7304, -4.6779,
0.1194

■ 32.6493, -2.7135,
1.2646

■ 33.6325, -0.5644,
2.4578

■ 34.6774, 1.7522,
3.6923

■ 35.7814, 4.2192,
4.9621

Harmonies

Analogous

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



28.1608, -12.4885, 1.6456



28.1603, -11.1775, -4.6473



28.1608, -7.3295, -10.1212

Triad

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



28.1608, -11.1776, -4.6469



28.1608, 9.5454, -4.8855



28.1608, -1.3852, 10.6979

Complementary

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



28.1603, -11.1775, -4.6473



19.7185, 15.4115, 8.0933

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.



28.1608, 4.8370, 9.6715



28.1603, -11.1775, -4.6473



28.1608, 11.4741, 1.4197

Square

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



28.1608, -11.1776, -4.6469



28.1608, 4.6138, -10.2787



28.1608, 9.6819, 6.5677



28.1608, -7.1406, 9.7473

Rectangle

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



28.1603, -11.1775, -4.6473



28.1608, -3.6634, -12.0937



28.1608, 9.6819, 6.5677



28.1608, 0.7223, 10.5769

Sweetspot

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



28.1608, -11.1776, -4.6469



40.9325, -7.3204, -0.5752



28.7961, -20.0714, 13.6166



20.3872, -3.8889, -0.4272



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



28.1608, -11.1776, -4.6469



35.8885, -15.5968, -7.4358



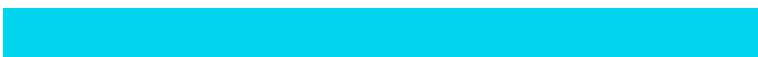
20.3470, 0.5038, -17.6305



16.0776, -1.7860, 0.3818



31.5951, -14.4582, -8.2800



73.4384, -33.2072, -20.1067

Inverse Universe

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



20.2563, 24.2844, -13.4860



24.3553, 37.8394, -20.6756



25.6348, 2.8789, 12.5181



15.4234, 0.8790, -0.1965



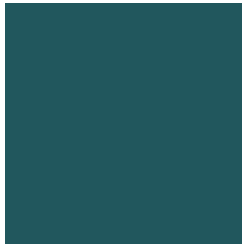
20.4633, 39.4168, -20.6749



47.8087, 91.9686, -47.3603

Previews

White Background



This preview shows how the HunterLab color 28.1603, -11.1775, -4.6473 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 28.1603, -11.1775, -4.6473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

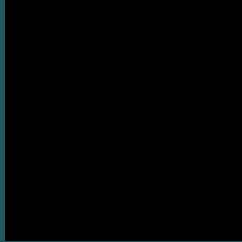
Any Text WCAG AA × Fail

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 28.1603, -11.1775, -4.6473 Background



This preview shows how black text looks on a background with the HunterLab color 28.1603, -11.1775, -4.6473.



This preview shows how white text looks on a background with the HunterLab color 28.1603,

-11.1775, -4.6473.

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

28.1603, -11.1775, -4.6473

Protanopia

28.1358, -0.3915, -2.1252

Deuteranopia

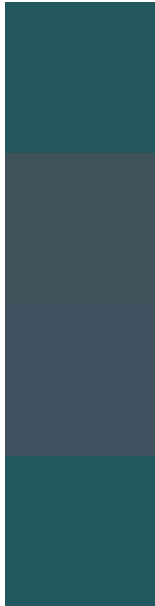
28.1732, 1.4747, -5.3982



Tritanopia

28.1920, -10.9933, -5.0916

Trichromacy



Original Color

28.1603, -11.1775, -4.6473

Protanomaly

27.9229, -5.0800, -3.4218

Deuteranomaly

27.7797, -3.9608, -5.5530

Tritanomaly

28.1920, -10.9933, -5.0916

Monochromacy



Original Color

28.1603, -11.1775, -4.6473

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.0509, -5.5271, -1.3173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.1603, -11.1775, -4.6473 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(33, 87, 93)` looks like.

```
.text, #text, p{  
    color:rgb(33, 87, 93)  
}
```

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(33, 87, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 87, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 28.1603, -11.1775, -4.6473 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(33, 87, 93) }
```


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

```
.border{ border-color:rgb(33, 87, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 87, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 87, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 87, 93);  
box-shadow:4px 4px 4px 4px rgb(33, 87, 93)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.1603, -11.1775, -4.6473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 87, 93) }
```

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

```
.background{ background-color: rgb(33, 87,  
93) }
```

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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