

Converting Colors

HunterLab(27.7486, -5.0698,
-18.2955)

Have a look what the booklet for
HunterLab(27.7486, -5.0698,
-18.2955) contains.

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Color

**HunterLab(27.7912, -5.0804,
-18.2145)**

Conversions

Conversions Part 1

Format	Color
Hex	1E5374
RGB	30, 83, 116
RGB Percent	12%, 33%, 45%
CMY	0.8823, 0.6745, 0.5451
CMYK	0.74, 0.28, 0.00, 0.55
HSL	203°, 59%, 29%
HSV	203°, 74%, 45%
XYZ	6.7811, 7.7235, 17.6564
YIQ	70.9150, -42.1810, -0.9730

Conversions

Conversions Part 2

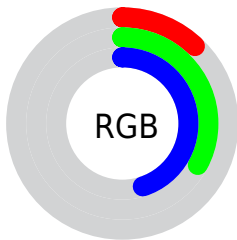
Format	Color
R_{YB}	30, 63, 116
Decimal	1987444
CIE _{Lab}	33.40, -5.56, -23.89
CIE _{LCh}	33, 24.527, 256.906
Yxy	7.7238, 0.2109, 0.2402
Android (android.graphics.Color)	4280177524 (0xFF1E5374)
YUV	70.9150, 22.2269, -35.8825
Hunter-Lab	27.7912, -5.0804, -18.2145




Details

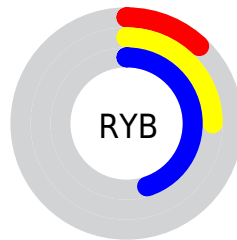
The HunterLab color **27.7912, -5.0804, -18.2145** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **27.1338, 13.1354, 14.2648**, and the grayscale version is **25.0071, -1.3343, 1.3587**.




A 20% lighter version of the original color is **46.1607, -6.7030, -19.2559**, and **13.4297, -0.4216, -15.8760** is the 20% darker color. If you saturate the color by 10%, you get **26.3073, -4.1519, -21.1013**, and if you desaturate by 10%, it is **29.3851, -5.6454, -15.3305**.

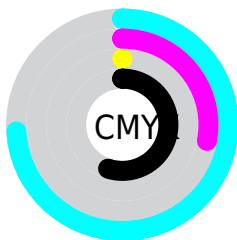
Distribution







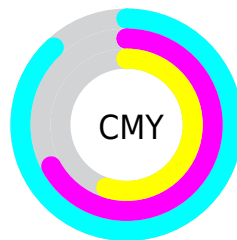
-  Red (12%)
-  Green (33%)
-  Blue (45%)






-  Red (12%)
-  Yellow (25%)
-  Blue (45%)



-  Cyan (74%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (88%)
-  Magenta (67%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.7912, -5.0804, -18.2145 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 27.7912, -5.0804, -18.2145 by changing the saturation by 10% instead.

■ 27.7912, -5.0804,
-18.2145

■ 27.7912, -5.0804,
-18.2145

■ 131.7380,
-13.1799, -20.7930

■ 19.7957, -4.2472,
-17.7018

■ 46.2765, -6.7661,
-19.1846

■ 12.7601, -3.4062,
-17.3027

■ 56.6306, -7.6289,
-19.5908

■ 6.1359, -4.2739,
-20.4978

■ 67.6590, -8.5082,
-19.9360

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.3228, -9.4052,
-20.2204

0.0000, NaN, NaN

■ 91.5892, -10.3206,
-20.4458

0.0000, NaN, NaN

■ 104.4297,

0.0000, NaN, NaN

-11.2547, -20.6146

0.0000, NaN, NaN

117.8199,
-12.2078, -20.7295

■ 27.7912, -5.0804,
-18.2145

■ 27.7912, -5.0804,
-18.2145

■ 26.3073, -4.1519,
-21.1013

■ 29.3851, -5.6454,
-15.3305

■ 24.9311, -2.8693,
-23.9825

■ 31.0823, -5.8656,
-12.4681

■ 24.1446, -2.0594,
-25.7329

■ 32.8769, -5.7661,
-9.6401

■ 34.7621, -5.3756,
-6.8557

■ 36.7312, -4.7227,
-4.1202

■ 38.7778, -3.8353,
-1.4359

■ 40.8960, -2.7387,
1.1971

■ 43.0804, -1.4560,
3.7802

■ 45.3260, -0.0076,
6.3159

Harmonies

Analogous

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



27.7917, -11.7631, -12.3524



27.7912, -5.0804, -18.2145



27.7917, 3.4143, -17.7781

Triad

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



27.7917, -5.0802, -18.2139



27.7917, 15.8862, 5.6531



27.7917, -12.4097, 10.1554

Complementary

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



27.7912, -5.0804, -18.2145



27.1338, 13.1354, 14.2648

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.



27.7917, -6.0656, 12.6318



27.7912, -5.0804, -18.2145



27.7917, 10.5463, 10.6178

Square

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



27.7917, -5.0802, -18.2139



27.7917, 16.2325, -2.2327



27.7917, 2.3041, 12.7709



27.7917, -15.6404, 4.8001

Rectangle

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



27.7912, -5.0804, -18.2145



27.7917, 8.9923, -13.9539



27.7917, 2.3041, 12.7709



27.7917, -10.6075, 11.2718

Sweetspot

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



27.7917, -5.0802, -18.2139



49.1200, -6.0958, -4.8972



36.2292, -25.5748, 14.1877



23.7217, -3.0830, -2.7551



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



27.7917, -5.0802, -18.2139



33.5679, -4.3304, -30.6919



17.4850, 14.8107, -44.9950



19.8253, -1.6429, -0.0448



25.5065, -2.0659, -27.4214



54.7799, -2.0336, -64.0802

Inverse Universe

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



22.9487, 31.6197, -6.4492



27.9571, 47.5460, -7.0105



37.5610, -5.9116, 21.1019



19.3268, 0.9965, 0.2911



21.6350, 39.4260, -4.4330



47.5802, 86.3862, -7.2669

Previews

White Background



This preview shows how the HunterLab color 27.7912, -5.0804, -18.2145 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 27.7912, -5.0804, -18.2145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

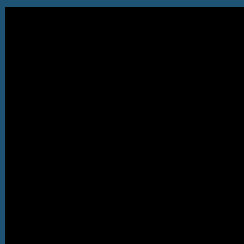
Any Text WCAG AA × Fail

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 27.7912, -5.0804, -18.2145 Background



This preview shows how black text looks on a background with the HunterLab color 27.7912, -5.0804, -18.2145.



This preview shows how white text looks on a background with the HunterLab color 27.7912, -5.0804, -18.2145.

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

27.7912, -5.0804, -18.2145

Protanopia

27.7207, 2.4037, -15.0423

Deuteranopia

27.7943, 1.8367, -18.7416



Tritanopia

27.6126, -13.2293, -5.9551

Trichromacy



Original Color

27.7912, -5.0804, -18.2145

Protanomaly

27.5109, -0.7925, -16.7312

Deuteranomaly

27.7485, -0.9898, -18.8786

Tritanomaly

27.7237, -10.7604, -9.9882

Monochromacy



Original Color

27.7912, -5.0804, -18.2145

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.6145, -3.9381, -5.1567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.7912, -5.0804, -18.2145 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(30, 83, 116)` looks like.

```
.text, #text, p{  
    color:rgb(30, 83, 116)  
}
```

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(30, 83, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 83, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 27.7912, -5.0804, -18.2145 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(30, 83, 116) }
```


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

```
.border{ border-color:rgb(30, 83, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 83, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 83, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 83, 116);  
box-shadow:4px 4px 4px 4px rgb(30, 83,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 27.7912, -5.0804, -18.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 83, 116) }
```

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

```
.background{ background-color: rgb(30, 83,  
116) }
```

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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