

Converting Colors

HunterLab(18.7507, -1.9035,
-17.5733)

Have a look what the booklet for
HunterLab(18.7507, -1.9035,
-17.5733) contains.

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Color

**HunterLab(18.6950, -1.7779,
-17.7917)**

Conversions

Conversions Part 1

Format	Color
Hex	093758
RGB	9, 55, 88
RGB Percent	4%, 22%, 35%
CMY	0.9647, 0.7843, 0.6549
CMYK	0.90, 0.37, 0.00, 0.65
HSL	205°, 81%, 19%
HSV	205°, 90%, 35%
XYZ	3.2403, 3.4950, 9.7363
YIQ	45.0080, -38.0090, 0.5110

Conversions

Conversions Part 2

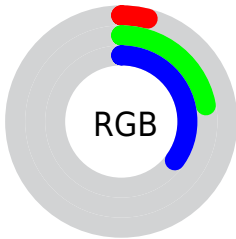
Format	Color
RYB	9, 38, 88
Decimal	603992
CIELab	21.93, -1.35, -24.04
CIELCh	22, 24.082, 266.787
Yxy	3.4951, 0.1967, 0.2122
Android (android.graphics.Color)	4278794072 (0xFF093758)
YUV	45.0080, 21.1951, -31.5790
Hunter-Lab	18.6950, -1.7779, -17.7917

Details

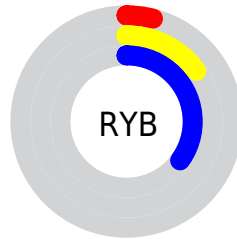
The HunterLab color **18.6950, -1.7779, -17.7917** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.3672, 11.2881, 11.3398**, and the grayscale version is **16.1440, -0.8614, 0.8771**.

A 20% lighter version of the original color is **35.3992, -3.1856, -18.5155**, and **6.3758, 3.8929, -16.3729** is the 20% darker color. If you saturate the color by 10%, you get **17.6125, -0.8015, -20.2414**, and if you desaturate by 10%, it is **19.8145, -2.6523, -15.4631**.

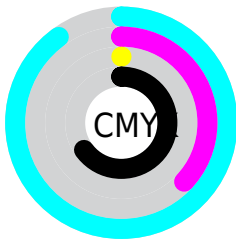
Distribution



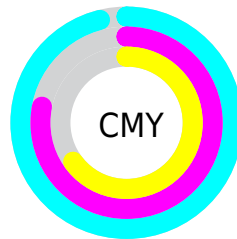
- Red (4%)
- Green (22%)
- Blue (35%)



- Red (4%)
- Yellow (15%)
- Blue (35%)



- Cyan (90%)
- Magenta (37%)
- Yellow (0%)
- Black (65%)



- Cyan (96%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6950, -1.7779, -17.7917 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 18.6950, -1.7779, -17.7917 by changing the saturation by 10% instead.

■ 18.6950, -1.7779,
-17.7917

■ 18.6950, -1.7779,
-17.7917

■ 115.8125, -7.6249,
-20.9096

■ 11.8126, -1.2975,
-17.4359

■ 35.2884, -2.8504,
-18.8117

■ 4.6185, -1.5200,
-25.7615

■ 44.8100, -3.4398,
-19.2864

0.0000, NaN, -NF

■ 55.0609, -4.0624,
-19.7055

0.0000, NaN, NaN

■ 65.9926, -4.7166,
-20.0642

0.0000, NaN, NaN

■ 77.5649, -5.4011,
-20.3620

0.0000, NaN, NaN

■ 89.7443, -6.1147,

0.0000, NaN, NaN

-20.6006

0.0000, NaN, NaN

■ 102.5019, -6.8562,
-20.7823

■ 18.6950, -1.7779,
-17.7917

■ 18.6950, -1.7779,
-17.7917

■ 17.6125, -0.8015,
-20.2414

■ 19.8145, -2.6523,
-15.4631

■ 17.5871, -0.7786,
-20.3016

■ 21.0144, -3.2654,
-13.1570

■ 22.2911, -3.6281,
-10.8847

■ 23.6395, -3.7587,
-8.6555

■ 25.0541, -3.6781,
-6.4749

■ 26.5300, -3.4074,
-4.3453

■ 28.0622, -2.9667,
-2.2669

■ 29.6462, -2.3748,
-0.2382

■ 31.2780, -1.6483,
1.7434

Harmonies

Analogous

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



18.6953, -8.0737, -13.9290



18.6950, -1.7779, -17.7917



18.6953, 5.7476, -15.2280

Triad

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



18.6953, -1.7776, -17.7913



18.6953, 13.2323, 6.0850



18.6953, -11.3402, 6.9472

Complementary

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



18.6950, -1.7779, -17.7917



19.3672, 11.2881, 11.3398

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.



18.6953, -6.9058, 9.4366



18.6950, -1.7779, -17.7917



18.6953, 7.3157, 9.0894

Square

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



18.6953, -1.7776, -17.7913



18.6953, 15.1563, 0.2548



18.6953, -0.2065, 10.0357



18.6953, -13.0364, 1.7496

Rectangle

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



18.6950, -1.7779, -17.7917



18.6953, 10.3538, -10.6084



18.6953, -0.2065, 10.0357



18.6953, -10.1571, 8.0390

Sweetspot

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



18.6953, -1.7776, -17.7913



35.4556, -4.4131, -5.2268



26.8407, -20.2434, 11.3624



17.6407, -2.2721, -2.9168



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



18.6953, -1.7776, -17.7913



22.8563, -0.3555, -27.8011



10.5890, 16.0853, -44.8889



14.9400, -1.1566, -0.0185



21.3261, -0.4816, -25.6160



48.7354, 1.9784, -65.1857

Inverse Universe

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



15.9565, 25.9053, -3.1447



20.0771, 36.3899, -2.5862



28.3577, -5.2652, 16.8409



14.6188, 0.6292, 0.3095



18.6648, 33.8486, -2.5476



44.0326, 79.4825, -3.1385

Previews

White Background



This preview shows how the HunterLab color 18.6950, -1.7779, -17.7917 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

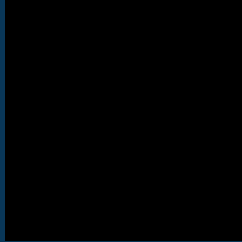
Any Text WCAG AA × Fail

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 18.6950, -1.7779, -17.7917 Background



This preview shows how black text looks on a background with the HunterLab color 18.6950, -1.7779, -17.7917.



This preview shows how white text looks on a background with the HunterLab color 18.6950, -1.7779, -17.7917.

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

18.6950, -1.7779, -17.7917

Protanopia

18.8758, 2.3608, -15.3227

Deuteranopia

18.7020, 0.8052, -17.7311



Tritanopia

18.6730, -9.1508, -3.5856

Trichromacy



Original Color

18.6950, -1.7779, -17.7917

Protanomaly

18.6529, 0.4635, -16.4827

Deuteranomaly

18.7145, -0.4177, -17.7253

Tritanomaly

18.7439, -6.8962, -7.9638

Monochromacy



Original Color

18.6950, -1.7779, -17.7917

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.8541, -2.6333, -5.1914

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6950, -1.7779, -17.7917 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(9, 55, 88)` looks like.

```
.text, #text, p{  
    color:rgb(9, 55, 88)  
}
```

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(9, 55, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 55, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6950, -1.7779, -17.7917 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(9, 55, 88) }
```


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

```
.border{ border-color:rgb(9, 55, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 55, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 55, 88); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 55, 88); box-shadow:4px  
4px 4px 4px rgb(9, 55, 88) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.6950, -1.7779, -17.7917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 55, 88) }
```

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

```
.background{ background-color: rgb(9, 55,  
88) }
```

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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