

Converting Colors

HunterLab(17.8716, -5.0025,
-8.9994)

Have a look what the booklet for
HunterLab(17.8716, -5.0025,
-8.9994) contains.

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Color

**HunterLab(17.8085, -5.0229,
-8.9612)**

Conversions

Conversions Part 1

Format	Color
Hex	0C3647
RGB	12, 54, 71
RGB Percent	5%, 21%, 28%
CMY	0.9529, 0.7882, 0.7216
CMYK	0.83, 0.24, 0.00, 0.72
HSL	197°, 71%, 16%
HSV	197°, 83%, 28%
XYZ	2.6081, 3.1714, 6.4359
YIQ	43.3800, -30.4890, -3.6170

Conversions

Conversions Part 2

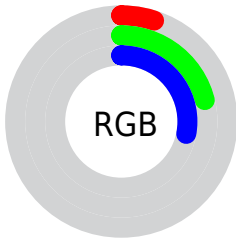
Format	Color
RYB	12, 37, 71
Decimal	800327
CIELab	20.72, -7.45, -14.60
CIELCh	21, 16.394, 242.952
Yxy	3.1715, 0.2135, 0.2596
Android (android.graphics.Color)	4278990407 (0xFF0C3647)
YUV	43.3800, 13.6167, -27.5203
Hunter-Lab	17.8085, -5.0229, -8.9612

Details

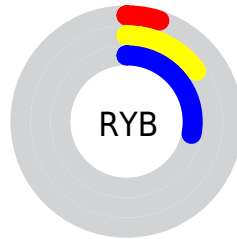
The HunterLab color **17.8085, -5.0229, -8.9612** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.9837, 10.7615, 8.0443**, and the grayscale version is **15.6317, -0.8341, 0.8493**.

A 20% lighter version of the original color is **34.2974, -7.1250, -9.1615**, and **4.6270, 2.5012, -11.1826** is the 20% darker color. If you saturate the color by 10%, you get **17.1422, -4.7505, -10.1387**, and if you desaturate by 10%, it is **18.5130, -5.1654, -7.7745**.

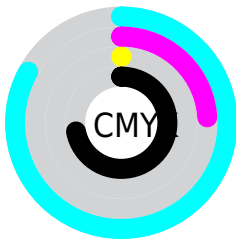
Distribution



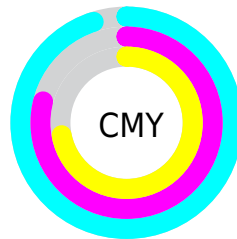
- Red (5%)
- Green (21%)
- Blue (28%)



- Red (5%)
- Yellow (15%)
- Blue (28%)



- Cyan (83%)
- Magenta (24%)
- Yellow (0%)
- Black (72%)



- Cyan (95%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8085, -5.0229, -8.9612 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 17.8085, -5.0229, -8.9612 by changing the saturation by 10% instead.

■ 17.8085, -5.0229,
-8.9612

■ 17.8085, -5.0229,
-8.9612

■ 114.1751,
-13.9221, -9.5721

■ 11.0541, -4.0018,
-8.5617

■ 34.1898, -6.9724,
-9.5750

■ 2.8197, -4.9345,
-21.4615

■ 43.6194, -7.9371,
-9.7669

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7849, -8.9062,
-9.8864

0.0000, NaN, NaN

■ 64.6366, -9.8838,
-9.9389

0.0000, NaN, NaN

■ 76.1334, -10.8726,
-9.9294

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.2411, -11.8746,

-9.8626

0.0000, NaN, NaN

■ 100.9301,
-12.8908, -9.7423

■ 17.8085, -5.0229,
-8.9612

■ 17.8085, -5.0229,
-8.9612

■ 17.1422, -4.7505,
-10.1387

■ 18.5130, -5.1654,
-7.7745

■ 16.6815, -4.5683,
-10.9887

■ 19.2684, -5.1284,
-6.5600

■ 20.0738, -4.9182,
-5.3241

■ 20.9273, -4.5442,
-4.0734

■ 21.8269, -4.0177,
-2.8138

■ 22.7702, -3.3507,
-1.5501

■ 23.7547, -2.5553,
-0.2862

■ 24.7780, -1.6433,
0.9748

■ 25.8378, -0.6256,
2.2308

Harmonies

Analogous

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



17.8088, -8.1648, -4.6052



17.8085, -5.0229, -8.9612



17.8088, -0.4651, -10.4559

Triad

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



17.8088, -5.0228, -8.9609



17.8088, 9.4288, 1.4232



17.8088, -5.7758, 6.9535

Complementary

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



17.8085, -5.0229, -8.9612



14.9837, 10.7615, 8.0443

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.



17.8088, -1.4321, 7.7812



17.8085, -5.0229, -8.9612



17.8088, 7.6321, 5.1753

Square

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



17.8088, -5.0228, -8.9609



17.8088, 8.2060, -3.5892



17.8088, 3.5227, 7.2304



17.8088, -8.5656, 4.5714

Rectangle

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



17.8085, -5.0229, -8.9612



17.8088, 2.8600, -9.3721



17.8088, 3.5227, 7.2304



17.8088, -4.4666, 7.3885

Sweetspot

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



17.8088, -5.0228, -8.9609



29.2497, -4.6245, -2.4888



21.6149, -16.1627, 9.8971



14.6859, -2.4068, -1.3863



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



17.8088, -5.0228, -8.9609



21.4240, -5.5532, -14.7903



11.0423, 7.0594, -25.0805



12.7182, -1.1343, 0.1477



23.2158, -5.9220, -16.2338



55.8814, -12.5048, -42.8526

Inverse Universe

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



13.6712, 20.4153, -6.3547



16.2810, 30.2507, -7.8432



21.0102, -1.1786, 11.9438



12.3658, 0.5270, 0.1271



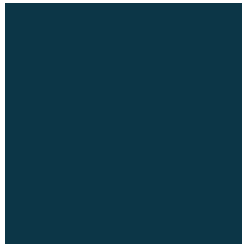
17.6928, 32.8557, -8.3829



43.4920, 80.4429, -18.1083

Previews

White Background



This preview shows how the HunterLab color 17.8085, -5.0229, -8.9612 looks on a white background.

Color Contrast Check

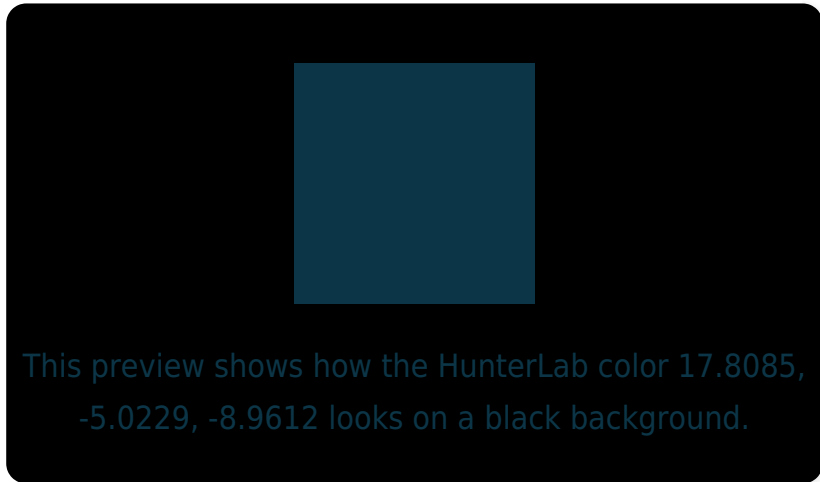
Large Text (above 18pt) WCAG AA ✓ Pass

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

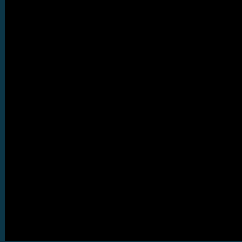
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

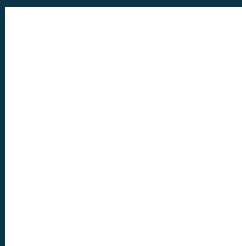
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 17.8085, -5.0229, -8.9612 Background



This preview shows how black text looks on a background with the HunterLab color 17.8085, -5.0229, -8.9612.



This preview shows how white text looks on a background with the HunterLab color 17.8085, -5.0229, -8.9612.

-8.9612.

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

17.8085, -5.0229, -8.9612

Protanopia

17.7757, 0.9621, -6.7417

Deuteranopia

17.9458, 0.6704, -9.1857



Tritanopia

17.7612, -8.6727, -3.4781

Trichromacy



Original Color

17.8085, -5.0229, -8.9612

Protanomaly

17.6305, -1.9538, -7.5617

Deuteranomaly

17.6396, -1.6352, -9.7663

Tritanomaly

17.6872, -7.3202, -5.4890

Monochromacy



Original Color

17.8085, -5.0229, -8.9612

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.1157, -3.2280, -2.5177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8085, -5.0229, -8.9612 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(12, 54, 71)` looks like.

```
.text, #text, p{  
    color:rgb(12, 54, 71)  
}
```

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(12, 54, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 54, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8085, -5.0229, -8.9612 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(12, 54, 71) }
```


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

```
.border{ border-color:rgb(12, 54, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 54, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 54, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 54, 71);  
box-shadow:4px 4px 4px 4px rgb(12, 54, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8085, -5.0229, -8.9612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 54, 71) }
```

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

```
.background{ background-color: rgb(12, 54,  
71) }
```

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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