

Converting Colors

HunterLab(16.9376, -7.4300,
-1.2815)

Have a look what the booklet for
HunterLab(16.9376, -7.4300,
-1.2815) contains.

HunterLab(16.8291, -7.1584, -1.6215)	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(16.8291, -7.1584,
-1.6215)**

Conversions

Conversions Part 1

Format	Color
Hex	113435
RGB	17, 52, 53
RGB Percent	7%, 20%, 21%
CMY	0.9333, 0.7961, 0.7922
CMYK	0.68, 0.02, 0.00, 0.79
HSL	182°, 51%, 14%
HSV	182°, 68%, 21%
XYZ	2.1018, 2.8322, 3.8040
YIQ	41.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

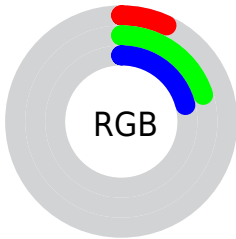
Format	Color
R_{YB}	17, 35, 53
Decimal	1127477
CIE Lab	19.36, -12.07, -4.42
CIE LCh	19, 12.851, 200.107
Yxy	2.8323, 0.2405, 0.3241
Android (android.graphics.Color)	4279317557 (0xFF113435)
YUV	41.6490, 5.5960, -21.6172
Hunter-Lab	16.8291, -7.1584, -1.6215

Details

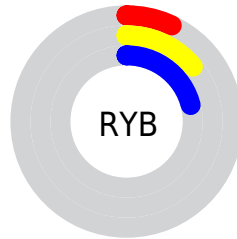
The HunterLab color **16.8291, -7.1584, -1.6215** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.0906, 9.3322, 4.1619**, and the grayscale version is **15.0896, -0.8051, 0.8198**.

A 20% lighter version of the original color is **33.0371, -10.1154, -1.0045**, and **1.3241, 3.5916, -9.4081** is the 20% darker color. If you saturate the color by 10%, you get **16.6614, -7.6068, -1.8523**, and if you desaturate by 10%, it is **17.0302, -6.5889, -1.3476**.

Distribution



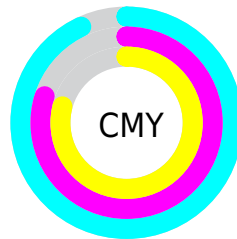
- Red (7%)
- Green (20%)
- Blue (21%)



- Red (7%)
- Yellow (14%)
- Blue (21%)



- Cyan (68%)
- Magenta (2%)
- Yellow (0%)
- Black (79%)



- Cyan (93%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8291, -7.1584, -1.6215 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 16.8291, -7.1584, -1.6215 by changing the saturation by 10% instead.

■ 16.8291, -7.1584,
-1.6215

■ 16.8291, -7.1584,
-1.6215

■ 112.3435,
-18.4880, 1.5762

■ 10.2216, -5.8346,
-1.6529

■ 32.9685, -9.8255,
-1.2998

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.2936, -11.0908,
-1.0367

0.0000, NaN, NaN

■ 52.3623, -12.3350,
-0.7166

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1233, -13.5677,
-0.3452

0.0000, NaN, NaN

■ 74.5346, -14.7954,
0.0730

0.0000, NaN, NaN

■ 86.5611, -16.0227,

0.0000, NaN, NaN

0.5345

■ 99.1727, -17.2527,
1.0364

■ 16.8291, -7.1584,
-1.6215

■ 16.8291, -7.1584,
-1.6215

■ 16.6614, -7.6068,
-1.8523

■ 17.0302, -6.5889,
-1.3476

■ 16.5173, -7.9652,
-2.0519

■ 17.2649, -5.8976,
-1.0316

■ 16.3737, -8.3245,
-2.2527

■ 17.5340, -5.0864,
-0.6740

■ 16.3437, -8.4001,
-2.2949

■ 17.8379, -4.1592,
-0.2765

■ 18.1764, -3.1215,
0.1587

■ 18.5492, -1.9799,
0.6293

■ 18.9556, -0.7419,
1.1322

■ 19.3950, 0.5845,
1.6648

■ 19.8662, 1.9911,
2.2241

Harmonies

Analogous

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



16.8294, -7.4395, 2.0543



16.8291, -7.1584, -1.6215



16.8294, -5.2852, -5.2541

Triad

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



16.8294, -7.1585, -1.6213



16.8294, 5.0089, -4.1131



16.8294, 0.3601, 6.3763

Complementary

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



16.8291, -7.1584, -1.6215



11.0906, 9.3322, 4.1619

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.



16.8294, 3.9884, 5.3810



16.8291, -7.1584, -1.6215



16.8294, 6.8238, -0.3076

Square

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



16.8294, -7.1585, -1.6213



16.8294, 1.6568, -6.8974



16.8294, 6.4348, 3.1111



16.8294, -3.3106, 6.1751

Rectangle

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



16.8291, -7.1584, -1.6215



16.8294, -3.2866, -6.9100



16.8294, 6.4348, 3.1111



16.8294, 1.6299, 6.1808

Sweetspot

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



16.8294, -7.1585, -1.6213



23.3095, -4.4555, 0.0262



16.4554, -11.3296, 7.9405



12.6087, -2.4710, -0.0098



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



16.8294, -7.1585, -1.6213



21.3467, -10.1747, -2.5944



12.4232, -0.8006, -8.4338



9.8371, -1.0655, 0.3277



27.3953, -14.0375, -3.9388



71.7304, -36.6401, -10.5613

Inverse Universe

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



11.8566, 13.7048, -8.7006



13.9318, 21.7635, -13.8227



14.2657, 2.4158, 6.6284



9.4655, 0.3866, -0.0748



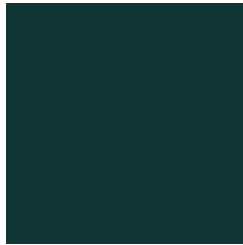
16.7948, 32.8365, -20.7361



44.0490, 86.0816, -54.0650

Previews

White Background



This preview shows how the HunterLab color 16.8291, -7.1584, -1.6215 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

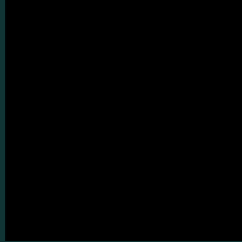
Any Text WCAG AA × Fail

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 16.8291, -7.1584, -1.6215 Background



This preview shows how black text looks on a background with the HunterLab color 16.8291, -7.1584, -1.6215.



This preview shows how white text looks on a background with the HunterLab color 16.8291, -7.1584, -1.6215.

-1.6215.

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

16.8291, -7.1584, -1.6215

Protanopia

16.9342, -0.4944, -0.1392

Deuteranopia

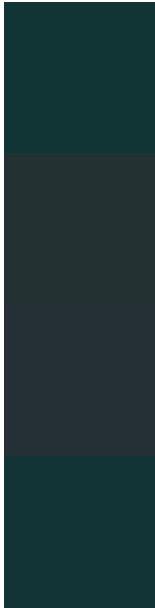
16.8781, 0.7289, -1.8469



Tritanopia

16.9704, -6.4490, -2.7272

Trichromacy



Original Color

16.8291, -7.1584, -1.6215

Protanomaly

16.7652, -3.5369, -0.8075

Deuteranomaly

16.6540, -2.5018, -2.2065

Tritanomaly

16.9128, -6.7261, -2.3671

Monochromacy



Original Color

16.8291, -7.1584, -1.6215

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.7308, -3.7301, -0.1141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8291, -7.1584, -1.6215 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(17, 52, 53)` looks like.

```
.text, #text, p{  
    color:rgb(17, 52, 53)  
}
```

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(17, 52, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 52, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8291, -7.1584, -1.6215 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(17, 52, 53) }
```


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

```
.border{ border-color:rgb(17, 52, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 52, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 52, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 52, 53);  
box-shadow:4px 4px 4px 4px rgb(17, 52, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8291, -7.1584, -1.6215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 52, 53) }
```

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

```
.background{ background-color: rgb(17, 52,  
53) }
```

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