

Converting Colors

HunterLab(18.7313, 20.5654,
-67.3721)

Have a look what the booklet for
HunterLab(18.7313, 20.5654,
-67.3721) contains.

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Color

**HunterLab(18.7666, 20.6675,
-67.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	02298D
RGB	2, 41, 141
RGB Percent	1%, 16%, 55%
CMY	0.9921, 0.8392, 0.4471
CMYK	0.99, 0.71, 0.00, 0.45
HSL	223°, 97%, 28%
HSV	223°, 99%, 55%
XYZ	5.6257, 3.5219, 25.5825
YIQ	40.7390, -55.3440, 22.8320

Conversions

Conversions Part 2

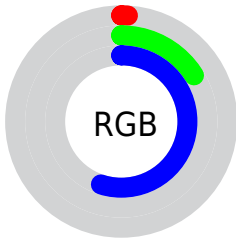
Format	Color
R_{YB}	2, 32, 141
Decimal	141709
CIE _{Lab}	22.02, 30.97, -57.85
CIE _{LCh}	22, 65.620, 298.157
Yxy	3.5219, 0.1620, 0.1014
Android (android.graphics.Color)	4278331789 (0xFF02298D)
YUV	40.7390, 49.4287, -33.9741
Hunter-Lab	18.7666, 20.6675, -67.6871

Details

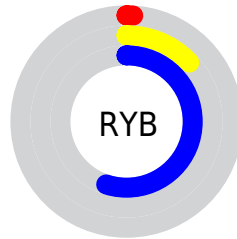
The HunterLab color **18.7666, 20.6675, -67.6871** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **38.9542, 3.9976, 23.9850**, and the grayscale version is **14.6656, -0.7825, 0.7968**.

A 20% lighter version of the original color is **35.3920, 23.5403, -65.2681**, and **8.5918, 23.3052, -61.0482** is the 20% darker color. If you saturate the color by 10%, you get **18.4666, 21.3425, -69.1539**, and if you desaturate by 10%, it is **21.0109, 16.0192, -57.8819**.

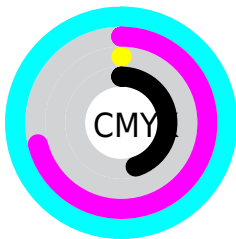
Distribution



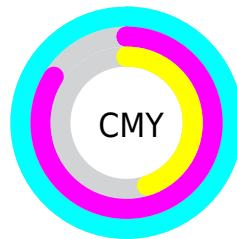
- Red (1%)
- Green (16%)
- Blue (55%)



- Red (1%)
- Yellow (13%)
- Blue (55%)



- Cyan (99%)
- Magenta (71%)
- Yellow (0%)
- Black (45%)



- Cyan (99%)
- Magenta (84%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7666, 20.6675, -67.6871 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 18.7666, 20.6675, -67.6871 by changing the saturation by 10% instead.

■ 18.7666, 20.6675,
-67.6871

■ 18.7666, 20.6675,
-67.6871

■ 115.9436, 28.8152,
-69.3186

■ 11.8739, 19.1701,
-73.0226

■ 35.3767, 23.2782,
-65.0287

■ 4.7329, 28.5018,
-116.5998

■ 44.9056, 24.3789,
-65.1001

0.0000, NaN, -NF

■ 55.1633, 25.3588,
-65.5373

0.0000, NaN, -NF

■ 66.1013, 26.2300,
-66.1726

0.0000, NaN, -NF

■ 77.6797, 27.0029,
-66.9131

0.0000, NaN, NaN

■ 89.8648, 27.6865,

0.0000, NaN, NaN

0.0000, NaN, NaN

-67.7044

0.0000, NaN, NaN

102.6278, 28.2884,
-68.5132

18.7666, 20.6675,
-67.6871

18.7666, 20.6675,
-67.6871

18.4666, 21.3425,
-69.1539

21.0109, 16.0192,
-57.8819

23.6028, 11.8897,
-48.5483

26.5099, 8.4258,
-39.8762

29.6763, 5.5868,
-31.9612

33.0573, 3.2889,
-24.7689

■ 36.6179, 1.4424,
-18.2126

■ 40.3310, -0.0333,
-12.1940

■ 44.1757, -1.2053,
-6.6213

■ 48.1356, -2.1282,
-1.4151

Harmonies

Analogous

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



18.7667, -2.2165, -83.8490



18.7666, 20.6675, -67.6871



18.7667, 43.7886, -30.0932

Triad

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



18.7667, 20.6691, -67.6867



18.7667, 23.7373, 13.1367



18.7667, -26.0288, 2.1543

Complementary

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



18.7666, 20.6675, -67.6871



38.9542, 3.9976, 23.9850

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.



18.7667, -23.6933, 12.3967



18.7666, 20.6675, -67.6871



18.7667, 0.2435, 13.1367

Square

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



18.7667, 20.6691, -67.6867



18.7667, 46.0188, 11.5893



18.7667, -15.8543, 13.1367



18.7667, -24.2185, -25.5317

Rectangle

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



18.7666, 20.6675, -67.6871



18.7667, 53.0107, -8.0837



18.7667, -15.8543, 13.1367



18.7667, -25.7124, 7.0591

Sweetspot

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



18.7667, 20.6691, -67.6867



52.9247, 0.3294, -17.9377



44.7377, -30.6922, 10.5004



24.1416, 0.4913, -9.8697



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



18.7667, 20.6691, -67.6867



24.1967, 30.0634, -95.1420



15.0870, 37.8359, -89.0715



23.4222, -1.0160, -0.8461



17.7019, 20.1839, -65.6971



2.5167, 0.2200, -3.6206

Inverse Universe

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



24.2212, 41.6751, 10.5198



32.2248, 55.9412, 14.9685



47.3566, -22.2738, 28.7183



23.3397, 0.9682, 1.2020



23.0275, 40.0403, 10.1900



2.3252, 4.1842, -0.0649

Previews

White Background



This preview shows how the HunterLab color 18.7666, 20.6675, -67.6871 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 18.7666, 20.6675, -67.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

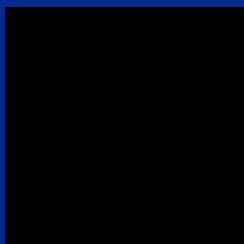
Any Text WCAG AA × Fail

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 18.7666, 20.6675, -67.6871 Background



This preview shows how black text looks on a background with the HunterLab color 18.7666, 20.6675, -67.6871.



This preview shows how white text looks on a background with the HunterLab color 18.7666, 20.6675, -67.6871.

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

18.7666, 20.6675, -67.6871

Protanopia

18.8683, 4.7113, -33.7540

Deuteranopia

18.7688, -1.0618, -21.1673



Tritanopia

18.9489, -9.4873, -3.2041

Trichromacy



Original Color

18.7666, 20.6675, -67.6871

Protanomaly

18.7105, 10.3841, -45.6099

Deuteranomaly

18.4755, 6.0005, -35.8508

Tritanomaly

18.1879, -0.6789, -21.0692

Monochromacy



Original Color

18.7666, 20.6675, -67.6871

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.3451, 3.2099, -17.6166

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7666, 20.6675, -67.6871 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(2, 41, 141)` looks like.

```
.text, #text, p{  
    color:rgb(2, 41, 141)  
}
```

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(2, 41, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 41, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7666, 20.6675, -67.6871 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(2, 41, 141) }
```


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

```
.border{ border-color:rgb(2, 41, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 41, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 41, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 41, 141);  
box-shadow:4px 4px 4px 4px rgb(2, 41, 141)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.7666, 20.6675, -67.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 41, 141) }
```

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

```
.background{ background-color: rgb(2, 41,  
141) }
```

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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