

Converting Colors

HunterLab(18.0918, 21.4596,
-66.9030)

Have a look what the booklet for
HunterLab(18.0918, 21.4596,
-66.9030) contains.

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Color

**HunterLab(18.1266, 21.5109,
-67.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	0A268A
RGB	10, 38, 138
RGB Percent	4%, 15%, 54%
CMY	0.9607, 0.8510, 0.4588
CMYK	0.93, 0.72, 0.00, 0.46
HSL	227°, 86%, 29%
HSV	227°, 93%, 54%
XYZ	5.4057, 3.2857, 24.3941
YIQ	41.0280, -48.7880, 25.1640

Conversions

Conversions Part 2

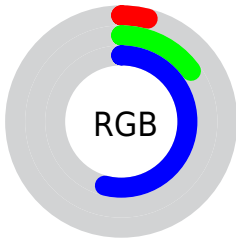
Format	Color
R_{YB}	10, 33, 138
Decimal	665226
CIE _{Lab}	21.15, 32.14, -57.41
CIE _{LCh}	21, 65.796, 299.241
Yxy	3.2858, 0.1634, 0.0993
Android (android.graphics.Color)	4278855306 (0xFF0A268A)
YUV	41.0280, 47.8072, -27.2116
Hunter-Lab	18.1266, 21.5109, -67.1015

Details

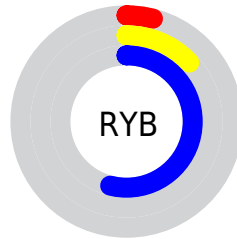
The HunterLab color **18.1266, 21.5109, -67.1015** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **40.7205, -0.6230, 24.6620**, and the grayscale version is **14.7627, -0.7877, 0.8021**.

A 20% lighter version of the original color is **34.5949, 24.4148, -64.7220**, and **8.2953, 22.5010, -58.9416** is the 20% darker color. If you saturate the color by 10%, you get **16.6498, 25.0680, -74.9254**, and if you desaturate by 10%, it is **20.5070, 16.7659, -56.5888**.

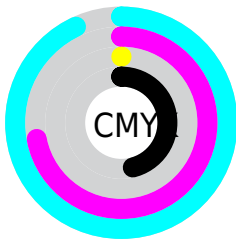
Distribution



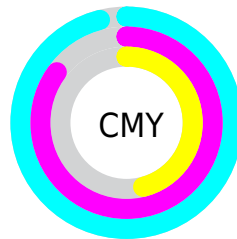
- Red (4%)
- Green (15%)
- Blue (54%)



- Red (4%)
- Yellow (13%)
- Blue (54%)



- Cyan (93%)
- Magenta (72%)
- Yellow (0%)
- Black (46%)



- Cyan (96%)
- Magenta (85%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1266, 21.5109, -67.1015 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 18.1266, 21.5109, -67.1015 by changing the saturation by 10% instead.

■ 18.1266, 21.5109,
-67.1015

■ 18.1266, 21.5109,
-67.1015

■ 114.7645, 30.1722,
-68.5338

■ 11.3256, 19.9690,
-72.7512

■ 34.5845, 24.2443,
-64.2934

■ 3.5741, 39.0755,
-146.1125

■ 44.0474, 25.4069,
-64.3450

0.0000, NaN, -NF

■ 54.2438, 26.4469,
-64.7721

0.0000, NaN, -NF

■ 65.1243, 27.3759,
-65.4015

0.0000, NaN, -NF

■ 76.6484, 28.2045,
-66.1379

0.0000, NaN, NaN

■ 88.7820, 28.9418,

0.0000, NaN, NaN

0.0000, NaN, NaN

-66.9259

0.0000, NaN, NaN

101.4958, 29.5954,
-67.7316

18.1266, 21.5109,
-67.1015

18.1266, 21.5109,
-67.1015

16.6498, 25.0680,
-74.9254

20.5070, 16.7659,
-56.5888

23.2941, 12.6147,
-46.6263

26.4078, 9.1181,
-37.5529

29.7836, 6.2177,
-29.4046

33.3728, 3.8197,
-22.0869

■ 37.1390, 1.8311,
-15.4692

■ 41.0547, 0.1723,
-9.4242

■ 45.0992, -1.2209,
-3.8422

■ 49.2566, -2.3991,
1.3670

Harmonies

Analogous

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



18.1267, -1.4679, -84.7761



18.1266, 21.5109, -67.1015



18.1267, 44.4584, -28.8388

Triad

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



18.1267, 21.5124, -67.1012



18.1267, 22.7769, 12.6887



18.1267, -25.6183, 1.4582

Complementary

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



18.1266, 21.5109, -67.1015



40.7205, -0.6230, 24.6620

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.



18.1267, -23.3946, 12.0435



18.1266, 21.5109, -67.1015



18.1267, -0.4630, 12.6887

Square

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



18.1267, 21.5124, -67.1012



18.1267, 45.3819, 11.6980



18.1267, -16.0168, 12.6887



18.1267, -23.6042, -26.9424

Rectangle

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



18.1266, 21.5109, -67.1015



18.1267, 53.3241, -7.1182



18.1267, -16.0168, 12.6887



18.1267, -25.3416, 6.5100

Sweetspot

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



18.1267, 21.5124, -67.1012



51.4383, 1.4712, -17.1309



43.9629, -28.5042, 7.4051



23.4418, 1.1092, -9.5797



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



18.1267, 21.5124, -67.1012



21.6497, 34.7713, -102.1215



16.0973, 35.4936, -78.0223



22.4903, -0.8044, -0.9341



16.0020, 23.8127, -71.4058



1.8810, 0.5083, -3.4483

Inverse Universe

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



24.0015, 39.3574, 10.9491



31.0980, 53.7279, 16.4395



45.9722, -22.8405, 27.5569



22.5063, 0.8623, 1.3126



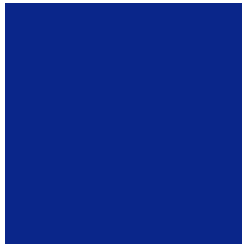
22.4560, 38.8513, 11.4502



1.8803, 3.3499, 0.2076

Previews

White Background



This preview shows how the HunterLab color 18.1266, 21.5109, -67.1015 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 18.1266, 21.5109, -67.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

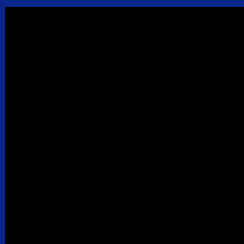
Any Text WCAG AA × Fail

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 18.1266, 21.5109, -67.1015 Background



This preview shows how black text looks on a background with the HunterLab color 18.1266, 21.5109, -67.1015.



This preview shows how white text looks on a background with the HunterLab color 18.1266, 21.5109, -67.1015.

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

18.1266, 21.5109, -67.1015

Protanopia

18.1690, 4.4604, -32.3383

Deuteranopia

18.0762, -1.2554, -19.8836



Tritanopia

18.0347, -9.0067, -3.0990

Trichromacy



Original Color

18.1266, 21.5109, -67.1015

Protanomaly

18.0670, 10.2533, -43.9171

Deuteranomaly

17.8920, 6.2092, -34.9605

Tritanomaly

17.3540, -0.0043, -20.8497

Monochromacy



Original Color

18.1266, 21.5109, -67.1015

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.2165, 3.8560, -17.1980

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1266, 21.5109, -67.1015 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(10, 38, 138)` looks like.

```
.text, #text, p{  
    color:rgb(10, 38, 138)  
}
```

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(10, 38, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 38, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1266, 21.5109, -67.1015 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(10, 38, 138) }
```


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

```
.border{ border-color:rgb(10, 38, 138) }
```

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

Here you see how a box with a 4 pixel rgb(10, 38, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 38, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 38, 138);  
box-shadow:4px 4px 4px 4px rgb(10, 38,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.1266, 21.5109, -67.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 38, 138) }
```

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

```
.background{ background-color: rgb(10, 38,  
138) }
```

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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