

Converting Colors

HunterLab(21.2342, 19.0572,
-67.6799)

Have a look what the booklet for
HunterLab(21.2342, 19.0572,
-67.6799) contains.

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Color

**HunterLab(21.1736, 18.9709,
-67.4178)**

Conversions

Conversions Part 1

Format	Color
Hex	003296
RGB	0, 50, 150
RGB Percent	0%, 20%, 59%
CMY	0.9999, 0.8039, 0.4118
CMYK	1.00, 0.67, 0.00, 0.41
HSL	220°, 100%, 29%
HSV	220°, 100%, 59%
XYZ	6.6456, 4.4832, 29.3692
YIQ	46.4500, -61.9000, 20.5000

Conversions

Conversions Part 2

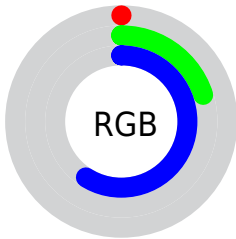
Format	Color
RYB	0, 38, 150
Decimal	12950
CIELab	25.21, 28.36, -58.17
CIELCh	25, 64.720, 295.992
Yxy	4.4833, 0.1641, 0.1107
Android (android.graphics.Color)	4278203030 (0xFF003296)
YUV	46.4500, 51.0501, -40.7367
Hunter-Lab	21.1736, 18.9709, -67.4178

Details

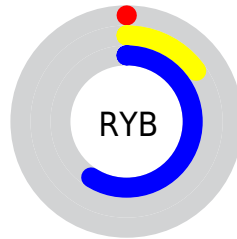
The HunterLab color **21.1736, 18.9709, -67.4178** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **39.5010, 8.3153, 24.4849**, and the grayscale version is **16.5312, -0.8821, 0.8982**.

A 20% lighter version of the original color is **38.3469, 21.0966, -65.3034**, and **10.4830, 21.0422, -58.5269** is the 20% darker color. If you saturate the color by 10%, you get **21.1702, 18.9798, -67.4330**, and if you desaturate by 10%, it is **23.5278, 14.3489, -57.9639**.

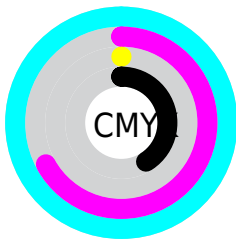
Distribution



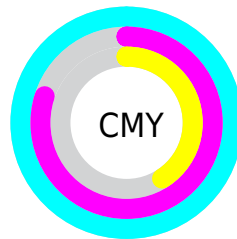
- Red (0%)
- Green (20%)
- Blue (59%)



- Red (0%)
- Yellow (15%)
- Blue (59%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (80%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1736, 18.9709, -67.4178 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 21.1736, 18.9709, -67.4178 by changing the saturation by 10% instead.

■ 21.1736, 18.9709,
-67.4178

■ 21.1736, 18.9709,
-67.4178

■ 120.2978, 25.8480,
-70.0909

■ 13.9550, 17.6105,
-71.4338

■ 38.3296, 21.2618,
-65.5355

■ 7.5938, 17.4277,
-85.0505

■ 48.0965, 22.2079,
-65.7348

0.0000, INF, -NF

■ 58.5758, 23.0400,
-66.2408

0.0000, NaN, -NF

■ 69.7218, 23.7700,
-66.9136

0.0000, NaN, -NF

■ 81.4968, 24.4080,
-67.6740

0.0000, NaN, NaN

■ 93.8690, 24.9625,

0.0000, NaN, NaN

0.0000, NaN, NaN

-68.4746

0.0000, NaN, NaN

106.8106, 25.4405,
-69.2864

■ 21.1736, 18.9709,
-67.4178

■ 21.1736, 18.9709,
-67.4178

■ 21.1702, 18.9798,
-67.4330

■ 23.5278, 14.3489,
-57.9639

■ 26.1897, 10.2708,
-49.0044

■ 29.1520, 6.8916,
-40.6006

■ 32.3678, 4.1654,
-32.8363

■ 35.7975, 2.0100,
-25.6967

■ 39.4091, 0.3376,
-19.1210

■ 43.1768, -0.9320,
-13.0335

■ 47.0802, -1.8669,
-7.3595

■ 51.1031, -2.5235,
-2.0315

Harmonies

Analogous

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



21.1738, -3.8060, -80.2264



21.1736, 18.9709, -67.4178



21.1738, 42.2423, -32.1915

Triad

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



21.1738, 18.9724, -67.4173



21.1738, 25.6113, 14.8217



21.1738, -27.7896, 3.6005

Complementary

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



21.1736, 18.9709, -67.4178



39.5010, 8.3153, 24.4849

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.



21.1738, -24.8402, 13.3993



21.1736, 18.9709, -67.4178



21.1738, 1.6839, 14.8217

Square

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



21.1738, 18.9724, -67.4173



21.1738, 46.9864, 11.8574



21.1738, -15.7382, 14.8217



21.1738, -26.1289, -22.6228

Rectangle

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



21.1736, 18.9709, -67.4178



21.1738, 52.0256, -10.0291



21.1738, -15.7382, 14.8217



21.1738, -27.3486, 8.3471

Sweetspot

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



21.1738, 18.9724, -67.4173



57.0488, -1.1492, -17.7886



47.6794, -33.9938, 13.7896



25.9528, -0.2613, -9.7931



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



21.1738, 18.9724, -67.4173



27.6014, 26.5945, -91.9093



15.5224, 40.7597, -99.9344



24.3515, -1.2146, -0.7682



19.4198, 16.9210, -60.8006



3.1006, -0.0850, -3.6919

Inverse Universe

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



25.9130, 45.2604, 9.8557



34.3797, 59.9723, 13.7201



51.1597, -21.9649, 31.1390



24.1772, 1.0706, 1.1019



23.6095, 41.2635, 8.8093



2.7068, 4.9107, -0.3839

Previews

White Background



This preview shows how the HunterLab color 21.1736, 18.9709, -67.4178 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 21.1736, 18.9709, -67.4178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

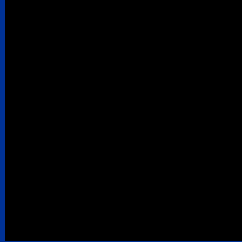
Any Text WCAG AA × Fail

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 21.1736, 18.9709, -67.4178 Background



This preview shows how black text looks on a background with the HunterLab color 21.1736, 18.9709, -67.4178.



This preview shows how white text looks on a background with the HunterLab color 21.1736, 18.9709, -67.4178.

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

21.1736, 18.9709, -67.4178

Protanopia

21.1096, 6.0832, -39.5172

Deuteranopia

21.1309, -0.8886, -24.4937



Tritanopia

21.1406, -10.4456, -3.8748

Trichromacy



Original Color

21.1736, 18.9709, -67.4178

Protanomaly

21.0377, 10.6974, -49.3879

Deuteranomaly

20.9919, 5.4766, -38.0605

Tritanomaly

20.6339, -1.7744, -21.9602

Monochromacy



Original Color

21.1736, 18.9709, -67.4178

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.1299, 2.5701, -18.4305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1736, 18.9709, -67.4178 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(0, 50, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 150)  
}
```

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(0, 50, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1736, 18.9709, -67.4178 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(0, 50, 150) }
```


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

```
.border{ border-color:rgb(0, 50, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 150)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1736, 18.9709, -67.4178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 150) }
```

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

```
.background{ background-color: rgb(0, 50,  
150) }
```

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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