

Converting Colors

HunterLab(18.8326, 31.6183,
-89.6810)

Have a look what the booklet for
HunterLab(18.8326, 31.6183,
-89.6810) contains.

| | |
|--|----|
| HunterLab(18.9018, 31.3841, -89.2696) | 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(18.9018, 31.3841,
-89.2696)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0B209E |
| RGB | 11, 32, 158 |
| RGB Percent | 4%, 13%, 62% |
| CMY | 0.9568, 0.8745, 0.3804 |
| CMYK | 0.93, 0.80, 0.00, 0.38 |
| HSL | 231°, 87%, 33% |
| HSV | 231°, 93%, 62% |
| XYZ | 6.8261, 3.5728, 32.6775 |
| YIQ | 40.0850, -52.9620, 34.7340 |

Conversions

Conversions Part 2

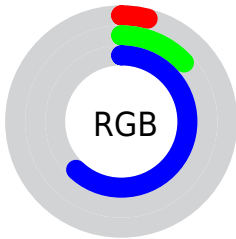
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 11, 29, 158 |
| Decimal | 729246 |
| CIE Lab | 22.21, 43.16, -68.03 |
| CIE LCh | 22, 80.566, 302.389 |
| Yxy | 3.5728, 0.1585, 0.0829 |
| Android (android.graphics.Color) | 4278919326 (0xFF0B209E) |
| YUV | 40.0850, 58.1321, -25.5075 |
| Hunter-Lab | 18.9018, 31.3841, -89.2696 |

Details

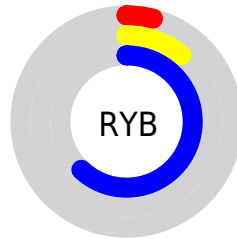
The HunterLab color **18.9018, 31.3841, -89.2696** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **50.1922, -5.6469, 30.4545**, and the grayscale version is **14.4264, -0.7698, 0.7838**.

A 20% lighter version of the original color is **35.4671, 34.9437, -83.8838**, and **10.0991, 27.3938, -71.7585** is the 20% darker color. If you saturate the color by 10%, you get **17.5029, 35.3429, -98.1723**, and if you desaturate by 10%, it is **21.4888, 25.3436, -75.5661**.

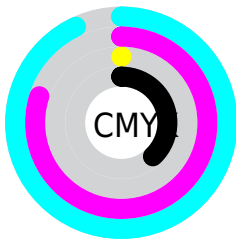
Distribution



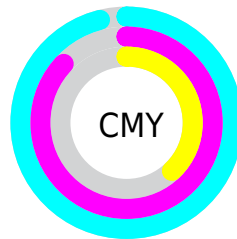
- Red (4%)
- Green (13%)
- Blue (62%)



- Red (4%)
- Yellow (11%)
- Blue (62%)



- Cyan (93%)
- Magenta (80%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (87%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9018, 31.3841, -89.2696 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 18.9018, 31.3841, -89.2696 by changing the saturation by 10% instead.

■ 18.9018, 31.3841,
-89.2696

■ 18.9018, 31.3841,
-89.2696

■ 116.1914, 43.6788,
-86.4365

■ 11.9900, 29.6214,
-98.4704

■ 35.5436, 34.8801,
-83.5158

■ 4.9415, 40.7740,
-157.0249

■ 45.0862, 36.4647,
-82.9222

0.0000, INF, -NF

0.0000, NaN, -NF

■ 55.3567, 37.9293,
-82.9617

0.0000, NaN, -NF

■ 66.3068, 39.2791,
-83.3684

0.0000, NaN, -NF

■ 77.8965, 40.5215,
-83.9929

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.0924, 41.6642,

-84.7461

0.0000, NaN, NaN

102.8657, 42.7145,
-85.5726

18.9018, 31.3841,
-89.2696

18.9018, 31.3841,
-89.2696

17.5029, 35.3429,
-98.1723

21.4888, 25.3436,
-75.5661

24.7207, 19.7078,
-62.0050

28.4570, 14.8071,
-49.6021

32.5847, 10.6582,
-38.5939

37.0204, 7.1594,
-28.8695

■ 41.7045, 4.1872,
-20.2165

■ 46.5940, 1.6314,
-12.4225

■ 51.6573, -0.5969,
-5.3069

■ 56.8710, -2.5670,
1.2750

Harmonies

Analogous

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



18.9019, 0.9925, -120.6375



18.9018, 31.3841, -89.2696



18.9019, 61.3894, -33.7073

Triad

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



18.9019, 31.3863, -89.2695



18.9019, 26.1242, 13.2313



18.9019, -29.5699, -0.9340

Complementary

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



18.9018, 31.3841, -89.2696



50.1922, -5.6469, 30.4545

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.



18.9019, -27.4708, 13.0238



18.9018, 31.3841, -89.2696



18.9019, -2.9316, 13.2313

Square

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



18.9019, 31.3863, -89.2695



18.9019, 57.4151, 13.2313



18.9019, -20.1915, 13.2313



18.9019, -26.6967, -42.0983

Rectangle

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



18.9018, 31.3841, -89.2696



18.9019, 71.9211, -5.9138



18.9019, -20.1915, 13.2313



18.9019, -29.4224, 6.0503

Sweetspot

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



18.9019, 31.3863, -89.2695



59.1178, 4.0398, -22.4157



51.2848, -31.2546, 4.1459



26.8023, 2.6121, -12.7354



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



18.9019, 31.3863, -89.2695



23.2058, 49.0679, -134.9288



19.3593, 42.7196, -86.3920



25.6523, -0.6545, -1.3236



15.7823, 31.1895, -87.0557



2.8765, 1.9207, -7.7417

Inverse Universe

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



27.5922, 45.3957, 14.8610



36.4578, 62.6849, 21.6219



52.5133, -29.7012, 31.4802



25.8085, 0.9649, 1.7280



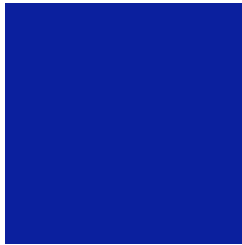
24.2356, 41.7182, 14.0018



3.2997, 5.7958, 1.0082

Previews

White Background



This preview shows how the HunterLab color 18.9018, 31.3841, -89.2696 looks on a white background.

Color Contrast Check

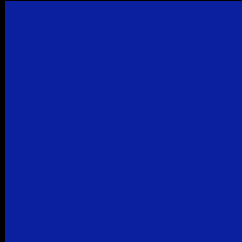
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9018, 31.3841, -89.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

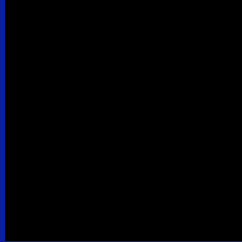
Any Text WCAG AA × Fail

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 18.9018, 31.3841, -89.2696 Background



This preview shows how black text looks on a background with the HunterLab color 18.9018, 31.3841, -89.2696.



This preview shows how white text looks on a background with the HunterLab color 18.9018, 31.3841, -89.2696.

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

18.9018, 31.3841, -89.2696

Protanopia

18.8683, 4.7113, -33.7540

Deuteranopia

19.0228, -1.4802, -20.5814



Tritanopia

18.9489, -9.4873, -3.2041

Trichromacy



Original Color

18.9018, 31.3841, -89.2696

Protanomaly

18.5335, 13.9815, -52.5683

Deuteranomaly

18.2844, 9.7607, -43.1350

Tritanomaly

17.8574, 2.6883, -27.3151

Monochromacy



Original Color

18.9018, 31.3841, -89.2696

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.8623, 6.7741, -23.3701

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9018, 31.3841, -89.2696 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(11, 32, 158)` looks like.

```
.text, #text, p{  
    color:rgb(11, 32, 158)  
}
```

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(11, 32, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 32, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9018, 31.3841, -89.2696 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(11, 32, 158) }
```


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

```
.border{ border-color:rgb(11, 32, 158) }
```

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

Here you see how a box with a 4 pixel rgb(11, 32, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 32, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 32, 158);  
box-shadow:4px 4px 4px 4px rgb(11, 32,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.9018, 31.3841, -89.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 32, 158) }
```

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

```
.background{ background-color: rgb(11, 32,  
158) }
```

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