

Converting Colors

HunterLab(18.1787, -2.0420,
-15.8587)

Have a look what the booklet for
HunterLab(18.1787, -2.0420,
-15.8587) contains.

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Color

**HunterLab(18.3210, -2.1411,
-15.8916)**

Conversions

Conversions Part 1

Format	Color
Hex	0C3654
RGB	12, 54, 84
RGB Percent	5%, 21%, 33%
CMY	0.9529, 0.7882, 0.6706
CMYK	0.86, 0.36, 0.00, 0.67
HSL	205°, 75%, 19%
HSV	205°, 86%, 33%
XYZ	3.0710, 3.3566, 8.8735
YIQ	44.8620, -34.6620, 0.4260

Conversions

Conversions Part 2

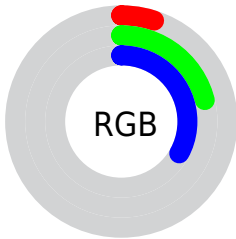
Format	Color
R_{YB}	12, 39, 84
Decimal	800340
CIE Lab	21.42, -2.04, -22.20
CIE LCh	21, 22.289, 264.759
Yxy	3.3567, 0.2007, 0.2194
Android (android.graphics.Color)	4278990420 (0xFF0C3654)
YUV	44.8620, 19.2950, -28.8200
Hunter-Lab	18.3210, -2.1411, -15.8916

Details

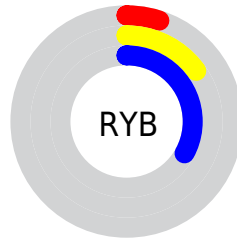
The HunterLab color **18.3210, -2.1411, -15.8916** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.8883, 9.9511, 10.7207**, and the grayscale version is **16.1011, -0.8591, 0.8748**.

A 20% lighter version of the original color is **34.7340, -3.0003, -17.1491**, and **5.8469, 3.9304, -15.7926** is the 20% darker color. If you saturate the color by 10%, you get **17.2847, -1.2550, -18.1423**, and if you desaturate by 10%, it is **19.4143, -2.8517, -13.7020**.

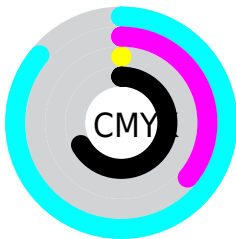
Distribution



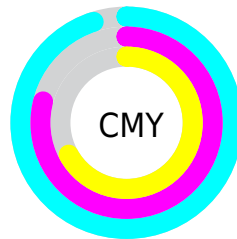
- Red (5%)
- Green (21%)
- Blue (33%)



- Red (5%)
- Yellow (15%)
- Blue (33%)



- Cyan (86%)
- Magenta (36%)
- Yellow (0%)
- Black (67%)



- Cyan (95%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3210, -2.1411, -15.8916 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 18.3210, -2.1411, -15.8916 by changing the saturation by 10% instead.

■ 18.3210, -2.1411,
-15.8916

■ 18.3210, -2.1411,
-15.8916

■ 115.1240, -8.3130,
-18.6121

■ 11.4920, -1.6042,
-15.4979

■ 34.8257, -3.3062,
-16.8696

■ 3.9639, -2.4498,
-26.2294

■ 44.3087, -3.9355,
-17.3016

0.0000, NaN, -NF

■ 54.5239, -4.5950,
-17.6724

0.0000, NaN, NaN

■ 65.4220, -5.2837,
-17.9797

0.0000, NaN, NaN

■ 76.9627, -6.0008,
-18.2247

0.0000, NaN, NaN

■ 89.1120, -6.7452,

0.0000, NaN, NaN

0.0000, NaN, NaN

-18.4099

0.0000, NaN, NaN

■ 101.8409, -7.5162,
-18.5381

■ 18.3210, -2.1411,
-15.8916

■ 18.3210, -2.1411,
-15.8916

■ 17.2847, -1.2550,
-18.1423

■ 19.4143, -2.8517,
-13.7020

■ 16.8421, -0.8740,
-19.1644

■ 20.5818, -3.3196,
-11.5378

■ 21.8193, -3.5593,
-9.4090

■ 23.1220, -3.5893,
-7.3228

■ 24.4849, -3.4292,
-5.2830

■ 25.9033, -3.0986,
-3.2910

■ 27.3730, -2.6156,
-1.3462

■ 28.8897, -1.9969,
0.5531

■ 30.4501, -1.2574,
2.4096

Harmonies

Analogous

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



18.3213, -7.8371, -12.1053



18.3210, -2.1411, -15.8916



18.3213, 4.7367, -13.9917

Triad

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



18.3213, -2.1409, -15.8912



18.3213, 12.2531, 5.4242



18.3213, -10.3601, 6.7543

Complementary

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



18.3210, -2.1411, -15.8916



18.8883, 9.9511, 10.7207

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.



18.3213, -6.0691, 9.0019



18.3210, -2.1411, -15.8916



18.3213, 7.0658, 8.4499

Square

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



18.3213, -2.1409, -15.8912



18.3213, 13.7009, -0.1582



18.3213, 0.2135, 9.4864



18.3213, -12.1262, 2.0821

Rectangle

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



18.3210, -2.1411, -15.8916



18.3213, 9.0066, -10.0171



18.3213, 0.2135, 9.4864



18.3213, -9.1979, 7.7410

Sweetspot

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



18.3213, -2.1409, -15.8912



34.0092, -4.1585, -4.6604



25.6634, -18.8974, 10.4214



17.0193, -2.1563, -2.6291



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



18.3213, -2.1409, -15.8912



21.8642, -0.4908, -26.2688



10.7288, 13.9724, -39.4959



14.1579, -1.0926, -0.0038



20.8484, -0.5708, -24.8264



48.2252, 1.7980, -64.1585

Inverse Universe

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



15.5379, 23.9718, -3.3236



19.1371, 34.7047, -2.6092



27.1298, -5.0592, 15.8682



13.8573, 0.5753, 0.2991



18.2012, 33.0203, -2.5808



43.5012, 78.5413, -3.2407

Previews

White Background



This preview shows how the HunterLab color 18.3210, -2.1411, -15.8916 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

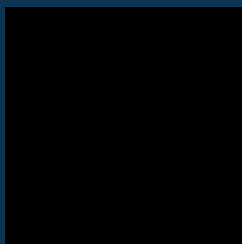
Any Text WCAG AA × Fail

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 18.3210, -2.1411, -15.8916 Background



This preview shows how black text looks on a background with the HunterLab color 18.3210, -2.1411, -15.8916.



This preview shows how white text looks on a background with the HunterLab color 18.3210, -2.1411, -15.8916.

-15.8916.

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

18.3210, -2.1411, -15.8916

Protanopia

18.4739, 1.9148, -13.5667

Deuteranopia

18.4477, 0.9320, -16.2381



Tritanopia

18.0944, -8.6538, -3.9352

Trichromacy



Original Color

18.3210, -2.1411, -15.8916

Protanomaly

18.2789, 0.1047, -14.6274

Deuteranomaly

18.4290, -0.3893, -16.3008

Tritanomaly

18.1559, -6.5083, -7.8485

Monochromacy



Original Color

18.3210, -2.1411, -15.8916

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.5922, -2.4255, -4.6039

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3210, -2.1411, -15.8916 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(12, 54, 84)` looks like.

```
.text, #text, p{  
    color:rgb(12, 54, 84)  
}
```

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(12, 54, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 54, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3210, -2.1411, -15.8916 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(12, 54, 84) }
```


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

```
.border{ border-color:rgb(12, 54, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 54, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 54, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 54, 84);  
box-shadow:4px 4px 4px 4px rgb(12, 54, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3210, -2.1411, -15.8916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 54, 84) }
```

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

```
.background{ background-color: rgb(12, 54,  
84) }
```

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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