

Converting Colors

HunterLab(21.0815, 5.4158,
-35.1186)

Have a look what the booklet for
HunterLab(21.0815, 5.4158,
-35.1186) contains.

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Color

**HunterLab(21.0815, 5.4158,
-35.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	103A76
RGB	16, 58, 118
RGB Percent	6%, 23%, 46%
CMY	0.9372, 0.7725, 0.5373
CMYK	0.86, 0.51, 0.00, 0.54
HSL	215°, 76%, 26%
HSV	215°, 86%, 46%
XYZ	4.9968, 4.4443, 17.7341
YIQ	52.2820, -44.2920, 9.7560

Conversions

Conversions Part 2

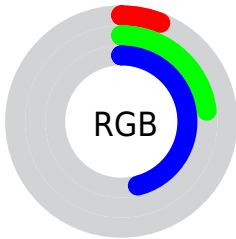
Format	Color
R_{YB}	16, 46, 118
Decimal	1063542
CIE Lab	25.09, 10.20, -38.38
CIE LCh	25, 39.711, 284.884
Yxy	4.4444, 0.1839, 0.1635
Android (android.graphics.Color)	4279253622 (0xFF103A76)
YUV	52.2820, 32.3990, -31.8193
Hunter-Lab	21.0815, 5.4158, -35.1186

Details

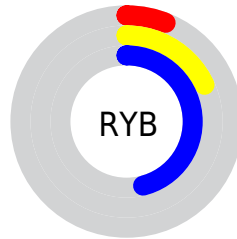
The HunterLab color **21.0815, 5.4158, -35.1186** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **30.0988, 7.5218, 17.7120**, and the grayscale version is **18.5321, -0.9888, 1.0069**.

A 20% lighter version of the original color is **38.3480, 5.6293, -35.8400**, and **8.9457, 9.4762, -31.6377** is the 20% darker color. If you saturate the color by 10%, you get **19.2561, 8.1007, -40.7664**, and if you desaturate by 10%, it is **23.0786, 3.1633, -29.7565**.

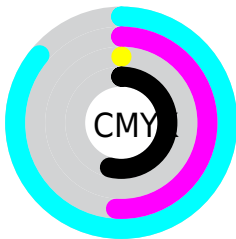
Distribution



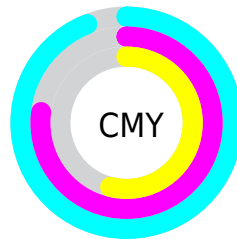
- Red (6%)
- Green (23%)
- Blue (46%)



- Red (6%)
- Yellow (18%)
- Blue (46%)



- Cyan (86%)
- Magenta (51%)
- Yellow (0%)
- Black (54%)



- Cyan (94%)
- Magenta (77%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0815, 5.4158, -35.1186 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 21.0815, 5.4158, -35.1186 by changing the saturation by 10% instead.

■ 21.0815, 5.4158,
-35.1186

■ 21.0815, 5.4158,
-35.1186

■ 120.1336, 4.8219,
-40.0571

■ 13.8749, 5.0538,
-35.5484

■ 38.2174, 5.7895,
-35.9109

■ 7.5062, 5.5204,
-39.6300

■ 47.9756, 5.8396,
-36.5433

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.4466, 5.8154,
-37.2018

0.0000, NaN, NaN

■ 69.5849, 5.7255,
-37.8490

0.0000, NaN, NaN

■ 81.3526, 5.5765,
-38.4659

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.7178, 5.3735,

-39.0424

0.0000, NaN, NaN

106.6528, 5.1208,
-39.5736

21.0815, 5.4158,
-35.1186

21.0815, 5.4158,
-35.1186

19.2561, 8.1007,
-40.7664

23.0786, 3.1633,
-29.7565

18.6274, 9.0955,
-42.9173

25.2411, 1.3700,
-24.6828

27.5489, -0.0072,
-19.9122

29.9838, -1.0199,
-15.4340

32.5302, -1.7187,
-11.2242

■ 35.1750, -2.1492,
-7.2531

■ 37.9073, -2.3509,
-3.4907

■ 40.7180, -2.3572,
0.0916

■ 43.5994, -2.1958,
3.5193

Harmonies

Analogous

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



21.0818, -7.0405, -35.0608



21.0815, 5.4158, -35.1186



21.0818, 18.6797, -22.3621

Triad

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



21.0818, 5.4164, -35.1180



21.0818, 18.7726, 11.7518



21.0818, -19.6877, 6.2860

Complementary

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



21.0815, 5.4158, -35.1186



30.0988, 7.5218, 17.7120

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.



21.0818, -15.5591, 11.7758



21.0815, 5.4158, -35.1186



21.0818, 5.5222, 13.7898

Square

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



21.0818, 5.4164, -35.1180



21.0818, 27.5285, 6.2203



21.0818, -6.9566, 13.7980



21.0818, -19.7033, -5.6181

Rectangle

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



21.0815, 5.4158, -35.1186



21.0818, 25.3802, -11.0617



21.0818, -6.9566, 13.7980



21.0818, -18.7869, 8.7340

Sweetspot

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



21.0818, 5.4164, -35.1180



46.5657, -2.8409, -9.7282



36.8540, -25.8453, 11.4015



21.8748, -1.3036, -5.3241



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



21.0818, 5.4164, -35.1180



24.1949, 13.1884, -58.7114



13.7091, 26.0653, -65.2230



19.5310, -1.1591, -0.4021



19.3133, 9.5961, -44.8552



40.7107, 25.5617, -106.0652

Inverse Universe

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



21.2790, 33.3971, 2.5430



26.7041, 47.0751, 6.8409



40.3454, -13.3513, 23.9059



19.2965, 0.8337, 0.7221



20.9774, 37.0385, 4.9196



46.1330, 81.1218, 13.3941

Previews

White Background



This preview shows how the HunterLab color 21.0815, 5.4158, -35.1186 looks on a white background.

Color Contrast Check

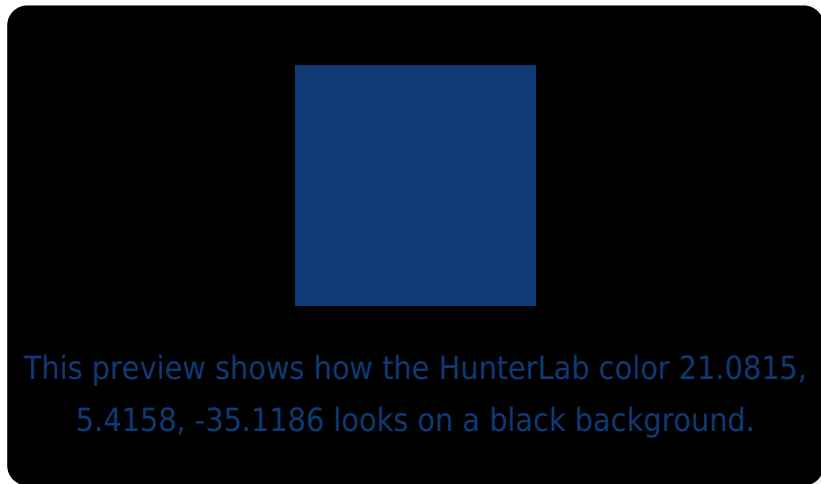
Large Text (above 18pt) WCAG AA ✓ Pass

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

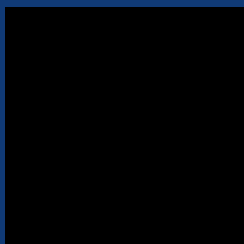
Any Text WCAG AA × Fail

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 21.0815, 5.4158, -35.1186 Background



This preview shows how black text looks on a background with the HunterLab color 21.0815, 5.4158, -35.1186.



This preview shows how white text looks on a background with the HunterLab color 21.0815, 5.4158, -35.1186.

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

21.0815, 5.4158, -35.1186

Protanopia

21.2243, 5.8668, -34.6983

Deuteranopia

20.9239, -0.1876, -25.7481



Tritanopia

20.8599, -10.1016, -4.2666

Trichromacy



Original Color

21.0815, 5.4158, -35.1186

Protanomaly

21.1727, 5.7044, -34.8495

Deuteranomaly

20.9672, 1.6636, -28.7656

Tritanomaly

20.7324, -5.1656, -13.7182

Monochromacy



Original Color

21.0815, 5.4158, -35.1186

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.9512, -0.5715, -9.7239

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0815, 5.4158, -35.1186 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(16, 58, 118)` looks like.

```
.text, #text, p{  
    color:rgb(16, 58, 118)  
}
```

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(16, 58, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 58, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0815, 5.4158, -35.1186 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(16, 58, 118) }
```


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

```
.border{ border-color:rgb(16, 58, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 58, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 58, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 58, 118);  
box-shadow:4px 4px 4px 4px rgb(16, 58,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0815, 5.4158, -35.1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 58, 118) }
```

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

```
.background{ background-color: rgb(16, 58,  
118) }
```

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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