

Converting Colors

HunterLab(18.3859, -0.5442,
-19.2247)

Have a look what the booklet for
HunterLab(18.3859, -0.5442,
-19.2247) contains.

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Color

**HunterLab(18.3113, -0.4391,
-19.3263)**

Conversions

Conversions Part 1

Format	Color
Hex	0D3559
RGB	13, 53, 89
RGB Percent	5%, 21%, 35%
CMY	0.9490, 0.7922, 0.6510
CMYK	0.85, 0.40, 0.00, 0.65
HSL	208°, 75%, 20%
HSV	208°, 85%, 35%
XYZ	3.2422, 3.3530, 9.9275
YIQ	45.1440, -35.3960, 2.7160

Conversions

Conversions Part 2

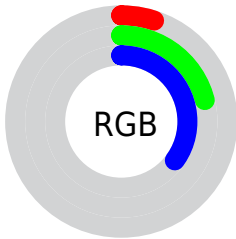
Format	Color
RYB	13, 39, 89
Decimal	865625
CIELab	21.41, 0.93, -25.52
CIELCh	21, 25.541, 272.081
Yxy	3.3531, 0.1962, 0.2029
Android (android.graphics.Color)	4279055705 (0xFF0D3559)
YUV	45.1440, 21.6210, -28.1903
Hunter-Lab	18.3113, -0.4391, -19.3263

Details

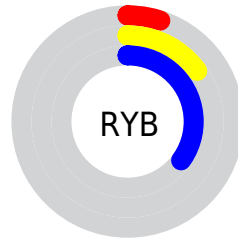
The HunterLab color **18.3113, -0.4391, -19.3263** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.8567, 8.7839, 11.9226**, and the grayscale version is **16.1867, -0.8637, 0.8795**.

A 20% lighter version of the original color is **34.7174, -1.2358, -20.3436**, and **5.7129, 6.0005, -20.0941** is the 20% darker color. If you saturate the color by 10%, you get **17.1068, 0.7812, -22.2022**, and if you desaturate by 10%, it is **19.5921, -1.4339, -16.5542**.

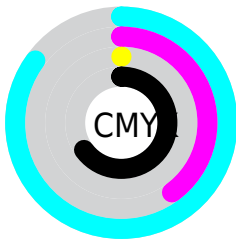
Distribution



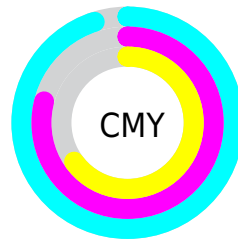
- Red (5%)
- Green (21%)
- Blue (35%)



- Red (5%)
- Yellow (15%)
- Blue (35%)



- Cyan (85%)
- Magenta (40%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3113, -0.4391, -19.3263 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 18.3113, -0.4391, -19.3263 by changing the saturation by 10% instead.

■ 18.3113, -0.4391,
-19.3263

■ 18.3113, -0.4391,
-19.3263

■ 115.1061, -5.1568,
-22.7634

■ 11.4837, -0.1508,
-19.0463

■ 34.8137, -1.1927,
-20.3614

■ 3.9454, 0.8137,
-32.2687

■ 44.2957, -1.6439,
-20.8704

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 54.5099, -2.1380,
-21.3304

0.0000, NaN, NaN

■ 65.4072, -2.6719,
-21.7332

0.0000, NaN, NaN

■ 76.9471, -3.2427,
-22.0768

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.0956, -3.8484,

-22.3617

0.0000, NaN, NaN

101.8237, -4.4869,
-22.5899

18.3113, -0.4391,
-19.3263

18.3113, -0.4391,
-19.3263

17.1068, 0.7812,
-22.2022

19.5921, -1.4339,
-16.5542

16.5575, 1.3535,
-23.6173

20.9606, -2.1540,
-13.8562

22.4099, -2.6201,
-11.2423

23.9331, -2.8566,
-8.7164

25.5234, -2.8884,
-6.2781

■ 27.1749, -2.7392,
-3.9236

■ 28.8821, -2.4303,
-1.6473

■ 30.6402, -1.9809,
0.5571

■ 32.4450, -1.4075,
2.6966

Harmonies

Analogous

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



18.3116, -7.3908, -16.2623



18.3113, -0.4391, -19.3263



18.3116, 7.5416, -15.3427

Triad

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



18.3116, -0.4388, -19.3259



18.3116, 13.2855, 6.9971



18.3116, -12.2828, 6.4287

Complementary

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



18.3113, -0.4391, -19.3263



20.8567, 8.7839, 11.9226

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.



18.3116, -8.1782, 9.3503



18.3113, -0.4391, -19.3263



18.3116, 6.4601, 9.5706

Square

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



18.3116, -0.4388, -19.3259



18.3116, 16.2351, 1.4995



18.3116, -1.5111, 10.2413



18.3116, -13.5198, 0.4794

Rectangle

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



18.3113, -0.4391, -19.3263



18.3116, 12.1851, -9.9052



18.3116, -1.5111, 10.2413



18.3116, -11.2302, 7.6976

Sweetspot

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



18.3116, -0.4388, -19.3259



35.2030, -3.6214, -5.5623



27.2905, -19.7528, 10.2843



17.4845, -1.8498, -3.1285



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



18.3116, -0.4388, -19.3259



21.2248, 2.5229, -31.9753



10.7887, 16.6552, -45.0007



14.8832, -1.0633, -0.0871



19.8180, 2.1665, -29.4476



45.0078, 8.7998, -75.2520

Inverse Universe

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



16.3368, 25.0200, -1.7194



19.8955, 35.7323, -0.0168



29.8050, -6.8958, 17.4871



14.6130, 0.5977, 0.3928



18.4962, 33.2384, -0.1645



43.6302, 78.0225, 2.5774

Previews

White Background



This preview shows how the HunterLab color 18.3113, -0.4391, -19.3263 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

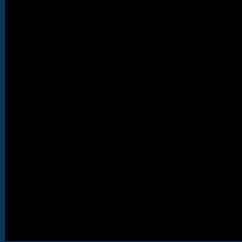
Any Text WCAG AA × Fail

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 18.3113, -0.4391, -19.3263 Background



This preview shows how black text looks on a background with the HunterLab color 18.3113, -0.4391, -19.3263.



This preview shows how white text looks on a background with the HunterLab color 18.3113, -0.4391, -19.3263.

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

18.3113, -0.4391, -19.3263

Protanopia

18.2877, 3.0223, -17.9115

Deuteranopia

18.2971, 0.7791, -19.3375



Tritanopia

18.0643, -8.8316, -3.5139

Trichromacy



Original Color

18.3113, -0.4391, -19.3263

Protanomaly

18.2184, 1.6670, -18.7910

Deuteranomaly

18.2091, 0.4807, -19.5450

Tritanomaly

18.2086, -6.2391, -8.2998

Monochromacy



Original Color

18.3113, -0.4391, -19.3263

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.6558, -2.0717, -5.4888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3113, -0.4391, -19.3263 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(13, 53, 89)` looks like.

```
.text, #text, p{  
    color:rgb(13, 53, 89)  
}
```

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(13, 53, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 53, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3113, -0.4391, -19.3263 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(13, 53, 89) }
```


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

```
.border{ border-color:rgb(13, 53, 89) }
```

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

Here you see how a box with a 4 pixel rgb(13, 53, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 53, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 53, 89);  
box-shadow:4px 4px 4px 4px rgb(13, 53, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3113, -0.4391, -19.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 53, 89) }
```

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

```
.background{ background-color: rgb(13, 53,  
89) }
```

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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