

Converting Colors

HunterLab(18.6477, 3.6773,
-18.6706)

Have a look what the booklet for
HunterLab(18.6477, 3.6773,
-18.6706) contains.

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Color

**HunterLab(18.7109, 3.3770,
-18.3596)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 263359 |
| RGB | 38, 51, 89 |
| RGB Percent | 15%, 20%, 35% |
| CMY | 0.8510, 0.8000, 0.6510 |
| CMYK | 0.57, 0.43, 0.00, 0.65 |
| HSL | 225°, 40%, 25% |
| HSV | 225°, 57%, 35% |
| XYZ | 3.7863, 3.5010, 9.9274 |
| YIQ | 51.4450, -19.9460, 9.0620 |

Conversions

Conversions Part 2

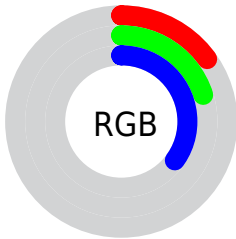
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 38, 48, 89 |
| Decimal | 2503513 |
| CIELab | 21.95, 7.20, -24.59 |
| CIElCh | 22, 25.620, 286.312 |
| Yxy | 3.5011, 0.2200, 0.2034 |
| Android (android.graphics.Color) | 4280693593 (0xFF263359) |
| YUV | 51.4450, 18.5146, -11.7913 |
| Hunter-Lab | 18.7109, 3.3770, -18.3596 |

Details

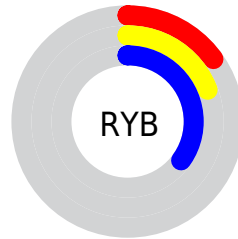
The HunterLab color **18.7109, 3.3770, -18.3596** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.2635, -1.5250, 12.7847**, and the grayscale version is **18.2892, -0.9759, 0.9937**.

A 20% lighter version of the original color is **35.2700, 3.3887, -19.2686**, and **5.1113, 7.7994, -23.2254** is the 20% darker color. If you saturate the color by 10%, you get **16.7719, 4.9964, -22.9887**, and if you desaturate by 10%, it is **20.7665, 2.0428, -14.1521**.

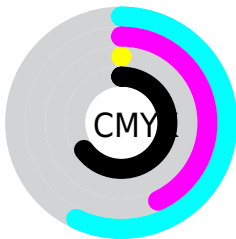
Distribution



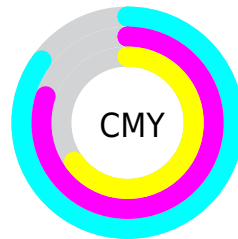
- Red (15%)
- Green (20%)
- Blue (35%)



- Red (15%)
- Yellow (19%)
- Blue (35%)



- Cyan (57%)
- Magenta (43%)
- Yellow (0%)
- Black (65%)



- Cyan (85%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7109, 3.3770, -18.3596 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 18.7109, 3.3770, -18.3596 by changing the saturation by 10% instead.

■ 18.7109, 3.3770,
-18.3596

■ 18.7109, 3.3770,
-18.3596

■ 115.8417, 1.6064,
-21.5916

■ 11.8262, 3.1828,
-18.0216

■ 35.3081, 3.4418,
-19.3883

■ 4.6443, 6.5032,
-26.5072

■ 44.8313, 3.3504,
-19.8752

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 55.0837, 3.1918,
-20.3085

0.0000, NaN, NaN

■ 66.0168, 2.9737,
-20.6824

0.0000, NaN, NaN

■ 77.5905, 2.7020,
-20.9960

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.7712, 2.3811,

-21.2506

0.0000, NaN, NaN

102.5299, 2.0149,
-21.4484

18.7109, 3.3770,
-18.3596

18.7109, 3.3770,
-18.3596

16.7719, 4.9964,
-22.9887

20.7665, 2.0428,
-14.1521

14.9720, 6.9493,
-28.0800

22.9194, 0.9454,
-10.3100

13.3417, 9.2700,
-33.6175

25.1558, 0.0428,
-6.7741

11.8734, 11.8409,
-39.6714

27.4649, -0.6998,
-3.4914

11.4961, 12.5406,
-41.4407

29.8380, -1.3106,
-0.4172

■ 32.2681, -1.8122,
2.4859

■ 34.7498, -2.2224,
5.2480

■ 37.2783, -2.5558,
7.8941

■ 39.8501, -2.8239,
10.4442

Harmonies

Analogous

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



18.7112, -4.4000, -18.6785



18.7109, 3.3770, -18.3596



18.7112, 11.0547, -11.6728

Triad

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



18.7112, 3.3771, -18.3591



18.7112, 10.4589, 8.6481



18.7112, -13.3986, 4.0748

Complementary

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



18.7109, 3.3770, -18.3596



27.2635, -1.5250, 12.7847

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.



18.7112, -10.6102, 8.4079



18.7109, 3.3770, -18.3596



18.7112, 2.6629, 10.2290

Square

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



18.7112, 3.3771, -18.3591



18.7112, 15.5766, 4.5816



18.7112, -5.0073, 10.1618



18.7112, -13.2713, -3.4212

Rectangle

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



18.7109, 3.3770, -18.3596



18.7112, 14.7133, -5.6262



18.7112, -5.0073, 10.1618



18.7112, -12.7936, 5.8696

Sweetspot

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



18.7112, 3.3771, -18.3591



35.8239, -0.8939, -4.6607



28.4085, -14.1789, 3.2137



17.8552, -0.3984, -2.5868



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.



18.7112, 3.3771, -18.3591



20.9856, 7.4639, -32.5503



16.6832, 11.5364, -23.1065



14.6093, -0.6091, -0.4212



13.6426, 16.1348, -51.8826



30.3072, 44.3941, -133.7155

Inverse Universe

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



19.3630, 15.9928, 2.6210



22.6871, 26.0983, 4.7415



29.7770, -10.2020, 14.5183



14.5850, 0.4472, 0.7909



17.9235, 31.1437, 8.0996



42.3299, 73.2569, 21.4181

Previews

White Background



This preview shows how the HunterLab color 18.7109, 3.3770, -18.3596 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

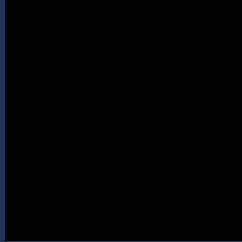
Any Text WCAG AA × Fail

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 18.7109, 3.3770, -18.3596 Background



This preview shows how black text looks on a background with the HunterLab color 18.7109, 3.3770, -18.3596.



This preview shows how white text looks on a background with the HunterLab color 18.7109, 3.3770, -18.3596.

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

18.7109, 3.3770, -18.3596

Protanopia

18.6118, 3.0545, -18.5859

Deuteranopia

18.7096, 0.9199, -18.4056



Tritanopia

18.7272, -6.2306, -2.9983

Trichromacy



Original Color

18.7109, 3.3770, -18.3596

Protanomaly

18.6608, 3.2139, -18.4739

Deuteranomaly

18.6241, 1.8756, -18.5791

Tritanomaly

18.6857, -3.0773, -7.9932

Monochromacy



Original Color

18.7109, 3.3770, -18.3596

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.2487, -0.0017, -5.0036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7109, 3.3770, -18.3596 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(38, 51, 89)` looks like.

```
.text, #text, p{  
    color:rgb(38, 51, 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(38, 51, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 51, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7109, 3.3770, -18.3596 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(38, 51, 89) }
```


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

```
.border{ border-color:rgb(38, 51, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 51, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 51, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 51, 89);  
box-shadow:4px 4px 4px 4px rgb(38, 51, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.7109, 3.3770, -18.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 51, 89) }
```

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

```
.background{ background-color: rgb(38, 51,  
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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