

Converting Colors

HunterLab(31.8890, -2.1072,
-19.0018)

Have a look what the booklet for
HunterLab(31.8890, -2.1072,
-19.0018) contains.

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Color

**HunterLab(31.8890, -2.1072,
-19.0018)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5C81
RGB	59, 92, 129
RGB Percent	23%, 36%, 51%
CMY	0.7686, 0.6392, 0.4941
CMYK	0.54, 0.29, 0.00, 0.49
HSL	212°, 37%, 37%
HSV	212°, 54%, 51%
XYZ	9.5932, 10.1691, 22.2261
YIQ	86.3510, -31.5450, 4.5110

Conversions

Conversions Part 2

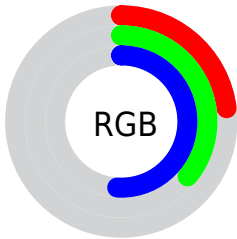
Format	Color
R _Y B	59, 81, 129
Decimal	3890305
CIE Lab	38.14, -0.58, -24.41
CIE LCh	38, 24.414, 268.633
Yxy	10.1695, 0.2285, 0.2422
Android (android.graphics.Color)	4282080385 (0xFF3B5C81)
YUV	86.3510, 21.0260, -23.9868
Hunter-Lab	31.8890, -2.1072, -19.0018

Details

The HunterLab color **31.8890, -2.1072, -19.0018** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **36.5365, 4.5851, 15.8787**, and the grayscale version is **30.5685, -1.6311, 1.6608**.

A 20% lighter version of the original color is **51.0910, -3.2109, -19.9323**, and **16.1624, -1.0659, -17.9005** is the 20% darker color. If you saturate the color by 10%, you get **29.4857, -1.0098, -23.6113**, and if you desaturate by 10%, it is **34.4219, -2.8195, -14.6125**.

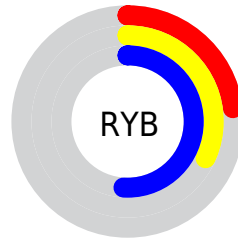
Distribution



Red (23%)

Green (36%)

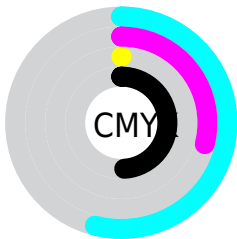
Blue (51%)



Red (23%)

Yellow (32%)

Blue (51%)

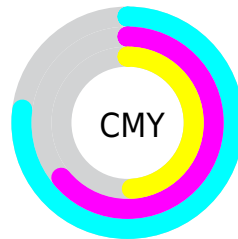


Cyan (54%)

Magenta (29%)

Yellow (0%)

Black (49%)



Cyan (77%)

Magenta (64%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8890, -2.1072, -19.0018 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 31.8890, -2.1072, -19.0018 by changing the saturation by 10% instead.

■ 31.8890, -2.1072,
-19.0018

■ 31.8890, -2.1072,
-19.0018

■ 138.5198, -8.0586,
-21.4785

■ 23.4765, -1.6184,
-18.4775

■ 51.1016, -3.2024,
-19.9513

■ 15.9698, -1.1733,
-18.0045

■ 61.7809, -3.8038,
-20.3431

■ 9.4962, -0.7761,
-17.8235

■ 73.1152, -4.4383,
-20.6744

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 85.0687, -5.1045,
-20.9459

0.0000, NaN, NaN

■ 97.6107, -5.8007,
-21.1596

0.0000, NaN, NaN

■ 110.7149, -6.5259,

0.0000, NaN, NaN

-21.3179

0.0000, NaN, NaN

124.3581, -7.2788,
-21.4234

■ 31.8890, -2.1072,
-19.0018

■ 31.8890, -2.1072,
-19.0018

■ 29.4857, -1.0098,
-23.6113

■ 34.4219, -2.8195,
-14.6125

■ 27.2256, 0.5215,
-28.4440

■ 37.0687, -3.1954,
-10.4337

■ 25.1258, 2.5290,
-33.4826

■ 39.8181, -3.2795,
-6.4473

■ 23.1992, 5.0265,
-38.6960

■ 42.6596, -3.1111,
-2.6335

■ 22.1418, 6.5689,
-41.8556

■ 45.5842, -2.7241,
1.0274

■ 48.5845, -2.1473,
4.5545

■ 51.6539, -1.4052,
7.9649

■ 54.7868, -0.5181,
11.2741

■ 57.9782, 0.4965,
14.4956

Harmonies

Analogous

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



31.8896, -10.0687, -15.3645



31.8890, -2.1072, -19.0018



31.8896, 6.8480, -15.9438

Triad

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



31.8896, -2.1072, -19.0011



31.8896, 14.6097, 8.5464



31.8896, -14.9447, 9.0506

Complementary

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



31.8890, -2.1072, -19.0018



36.5365, 4.5851, 15.8787

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.



31.8896, -9.4387, 12.9073



31.8890, -2.1072, -19.0018



31.8896, 7.6246, 12.6768

Square

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



31.8896, -2.1072, -19.0011



31.8896, 17.1082, 1.3482



31.8896, -1.2973, 14.0294



31.8896, -16.9644, 2.1186

Rectangle

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



31.8890, -2.1072, -19.0018



31.8896, 12.0663, -10.8897



31.8896, -1.2973, 14.0294



31.8896, -13.4719, 10.6716

Sweetspot

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



31.8896, -2.1072, -19.0011



56.2733, -4.2366, -4.5851



41.7850, -23.0258, 9.9255



26.4664, -2.0388, -2.5860



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



31.8896, -2.1072, -19.0011



38.7558, -0.9409, -33.0338



23.8312, 13.7258, -36.7467



21.2602, -1.4135, -0.3475



21.8820, 6.4487, -41.2715

0.0000, NaN, NaN

Inverse Universe

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



29.2715, 25.3017, -2.0296



35.5136, 41.4519, -2.2466



45.3793, -10.5105, 22.3718



20.9174, 0.9897, 0.6393

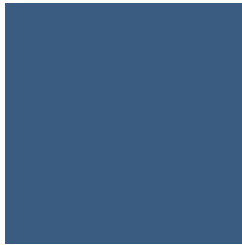


22.0859, 39.3050, 2.7817

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.8890, -2.1072, -19.0018 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 × Fail

Black Background



This preview shows how the HunterLab color 31.8890, -2.1072, -19.0018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

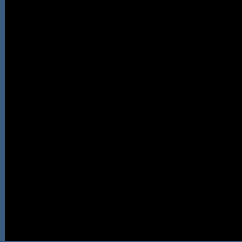
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

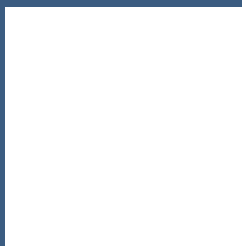
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 31.8890, -2.1072, -19.0018 Background



This preview shows how black text looks on a background with the HunterLab color 31.8890, -2.1072, -19.0018.



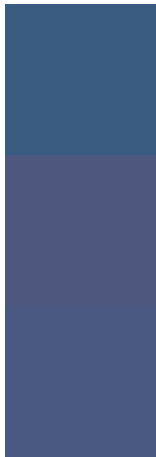
This preview shows how white text looks on a background with the HunterLab color 31.8890, -2.1072, -19.0018.

-19.0018.

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

31.8890, -2.1072, -19.0018

Protanopia

31.7892, 2.7522, -17.1781

Deuteranopia

31.8950, 2.1034, -19.5681



Tritanopia

31.9796, -10.8154, -4.7648

Trichromacy



Original Color

31.8890, -2.1072, -19.0018

Protanomaly

31.6491, 1.0232, -18.0945

Deuteranomaly

31.8637, 0.6466, -19.6514

Tritanomaly

31.8332, -7.8156, -9.6190

Monochromacy



Original Color

31.8890, -2.1072, -19.0018

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.7819, -2.4412, -5.2873

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8890, -2.1072, -19.0018 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(59, 92, 129)` looks like.

```
.text, #text, p{  
    color:rgb(59, 92, 129)  
}
```

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(59, 92, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 92, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8890, -2.1072, -19.0018 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(59, 92, 129) }
```


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

```
.border{ border-color:rgb(59, 92, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 92, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 92, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 92, 129);  
box-shadow:4px 4px 4px 4px rgb(59, 92,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8890, -2.1072, -19.0018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 92, 129) }
```

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

```
.background{ background-color: rgb(59, 92,  
129) }
```

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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