

Converting Colors

HunterLab(36.2784, 0.1918,
-19.4659)

Have a look what the booklet for
HunterLab(36.2784, 0.1918,
-19.4659) contains.

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Color

**HunterLab(36.2784, 0.1918,
-19.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	50668E
RGB	80, 102, 142
RGB Percent	31%, 40%, 56%
CMY	0.6863, 0.6000, 0.4431
CMYK	0.44, 0.28, 0.00, 0.44
HSL	219°, 28%, 44%
HSV	219°, 44%, 56%
XYZ	12.9421, 13.1612, 27.4494
YIQ	99.9820, -25.9520, 7.7760

Conversions

Conversions Part 2

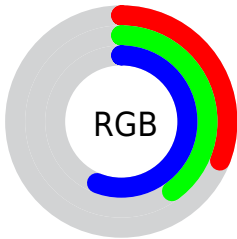
Format	Color
R _Y B	80, 96, 142
Decimal	5269134
CIE Lab	43.01, 2.90, -24.61
CIE LCh	43, 24.780, 276.720
Yxy	13.1617, 0.2417, 0.2458
Android (android.graphics.Color)	4283459214 (0xFF50668E)
YUV	99.9820, 20.7149, -17.5242
Hunter-Lab	36.2784, 0.1918, -19.4659

Details

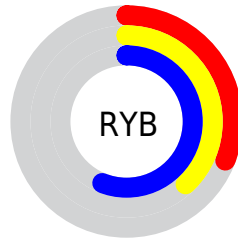
The HunterLab color $36.2784, 0.1918, -19.4659$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $44.4561, -0.2237, 17.2671$, and the grayscale version is $35.6240, -1.9008, 1.9355$.

A 20% lighter version of the original color is $56.2792, -0.5763, -20.3495$, and $19.4069, 1.0320, -18.9569$ is the 20% darker color. If you saturate the color by 10%, you get $33.0229, 1.7572, -25.5680$, and if you desaturate by 10%, it is $39.6837, -0.9781, -13.7994$.

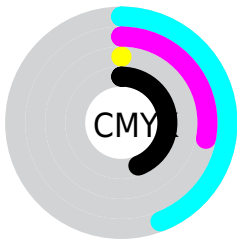
Distribution



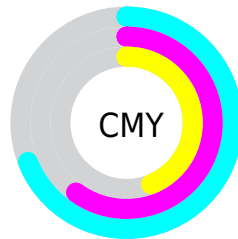
- Red (31%)
- Green (40%)
- Blue (56%)



- Red (31%)
- Yellow (38%)
- Blue (56%)



- Cyan (44%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)



- Cyan (69%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2784, 0.1918, -19.4659 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 36.2784, 0.1918, -19.4659 by changing the saturation by 10% instead.

■ 36.2784, 0.1918,
-19.4659

■ 36.2784, 0.1918,
-19.4659

■ 145.5855, -4.4152,
-21.7550

■ 27.4591, 0.4784,
-18.9447

■ 56.2085, -0.5453,
-20.3751

■ 19.4988, 0.6999,
-18.4317

■ 67.2111, -0.9846,
-20.7432

■ 12.5038, 0.8427,
-18.0625

■ 78.8505, -1.4659,
-21.0511

■ 5.7686, 1.8823,
-22.3882

■ 91.0936, -1.9863,
-21.3003

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 103.9120, -2.5433,
-21.4927

0.0000, NaN, NaN

117.2809, -3.1349,

0.0000, NaN, NaN

-21.6311

0.0000, NaN, NaN

131.1786, -3.7594,
-21.7177

■ 36.2784, 0.1918,
-19.4659

■ 36.2784, 0.1918,
-19.4659

■ 33.0229, 1.7572,
-25.5680

■ 39.6837, -0.9781,
-13.7994

■ 29.9391, 3.7922,
-32.1653

■ 43.2176, -1.8166,
-8.5100

■ 27.0569, 6.3746,
-39.2947

■ 46.8654, -2.3778,
-3.5395

■ 24.4115, 9.5716,
-46.9461

■ 50.6143, -2.7059,
1.1629

■ 22.0417, 13.4087,
-55.0216

■ 54.4541, -2.8372,
5.6406

■ 20.6577, 16.0373,
-60.4403

■ 58.3764, -2.8009,
9.9303

■ 62.3740, -2.6210,
14.0626

■ 66.4410, -2.3170,
18.0630

■ 70.5723, -1.9050,
21.9528

Harmonies

Analogous

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



36.2791, -8.7779, -17.5260



36.2784, 0.1918, -19.4659



36.2791, 9.4580, -14.5962

Triad

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



36.2791, 0.1917, -19.4651



36.2791, 13.6388, 10.7896



36.2791, -17.0290, 8.1085

Complementary

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



36.2784, 0.1918, -19.4659



44.4561, -0.2237, 17.2671

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.



36.2791, -12.0801, 13.1889



36.2784, 0.1918, -19.4659



36.2791, 5.4501, 14.4405

Square

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



36.2791, 0.1917, -19.4651



36.2791, 17.7143, 3.9209



36.2791, -4.0191, 15.1914



36.2791, -18.1319, -0.0855

Rectangle

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



36.2784, 0.1918, -19.4659



36.2791, 14.3611, -8.7275



36.2791, -4.0191, 15.1914



36.2791, -15.7863, 10.1666

Sweetspot

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



36.2791, 0.1917, -19.4651



62.4256, -3.1799, -4.4505



47.3182, -21.2141, 6.8115



29.0434, -1.4467, -2.7053



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



36.2791, 0.1917, -19.4651



44.0966, 2.1970, -33.4660



31.2708, 12.6411, -29.0316



23.5555, -1.2382, -0.6815



19.6565, 14.9914, -56.9311



2.7512, -0.1837, -3.0421

Inverse Universe

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



35.2816, 21.3442, 0.9890



43.0659, 35.2382, 1.8031



49.9719, -12.7589, 21.5639



23.3532, 1.0411, 1.0090



23.1870, 40.6272, 7.8610



2.3519, 4.2806, -0.4409

Previews

White Background



This preview shows how the HunterLab color 36.2784, 0.1918, -19.4659 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 36.2784, 0.1918, -19.4659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

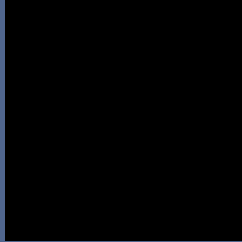
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

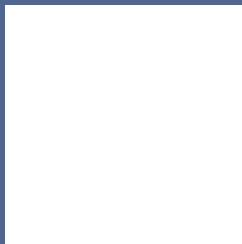
Any Text WCAG AAA ✗ Fail

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

HunterLab 36.2784, 0.1918, -19.4659 Background



This preview shows how black text looks on a background with the HunterLab color 36.2784, 0.1918, -19.4659.



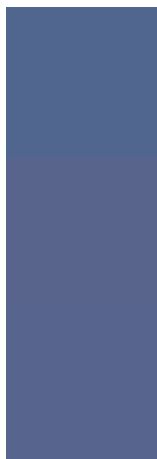
This preview shows how white text looks on a background with the HunterLab color 36.2784, 0.1918, -19.4659.

-19.4659.

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

36.2784, 0.1918, -19.4659

Protanopia

36.2376, 2.6425, -18.2186

Deuteranopia

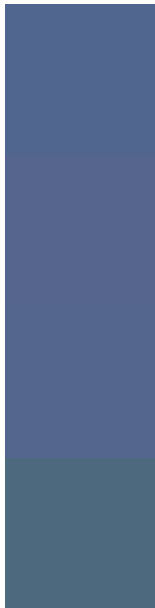
36.1850, 2.6308, -19.5886



Tritanopia

36.3219, -8.7299, -4.7427

Trichromacy



Original Color

36.2784, 0.1918, -19.4659

Protanomaly

36.3440, 1.7154, -18.6840

Deuteranomaly

36.2563, 1.5011, -19.4821

Tritanomaly

36.2220, -5.5652, -9.5359

Monochromacy



Original Color

36.2784, 0.1918, -19.4659

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.8780, -1.7788, -4.7270

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2784, 0.1918, -19.4659 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(80, 102, 142)` looks like.

```
.text, #text, p{  
    color:rgb(80, 102, 142)  
}
```

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(80, 102, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 102, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2784, 0.1918, -19.4659 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(80, 102, 142) }
```


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

```
.border{ border-color:rgb(80, 102, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 102, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 102, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 102, 142);  
box-shadow:4px 4px 4px 4px rgb(80, 102,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.2784, 0.1918, -19.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 102, 142) }
```

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

```
.background{ background-color: rgb(80, 102,  
142) }
```

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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