

Converting Colors

HunterLab(34.6762, -0.6466,
-20.9828)

Have a look what the booklet for
HunterLab(34.6762, -0.6466,
-20.9828) contains.

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Color

**HunterLab(34.8127, -0.8221,
-20.8189)**

Conversions

Conversions Part 1

Format	Color
Hex	46638C
RGB	70, 99, 140
RGB Percent	27%, 39%, 55%
CMY	0.7255, 0.6118, 0.4510
CMYK	0.50, 0.29, 0.00, 0.45
HSL	215°, 33%, 41%
HSV	215°, 50%, 55%
XYZ	11.7213, 12.1192, 26.5325
YIQ	95.0030, -30.4450, 6.6030

Conversions

Conversions Part 2

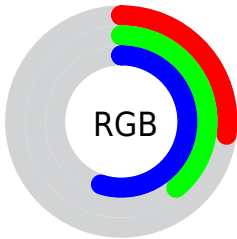
Format	Color
R_{YB}	70, 91, 140
Decimal	4613004
CIE _{Lab}	41.41, 1.44, -25.95
CIE _{LCh}	41, 25.986, 273.177
Yxy	12.1197, 0.2327, 0.2406
Android (android.graphics.Color)	4282803084 (0xFF46638C)
YUV	95.0030, 22.1835, -21.9276
Hunter-Lab	34.8127, -0.8221, -20.8189

Details

The HunterLab color $[34.8127, -0.8221, -20.8189]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[41.6979, 2.3947, 17.4962]$, and the grayscale version is $[33.7583, -1.8013, 1.8342]$.

A 20% lighter version of the original color is $[54.6309, -1.9281, -21.7622]$, and $[18.3787, -0.1151, -19.8820]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.9102, 0.5926, -26.4266]$, and if you desaturate by 10%, it is $[37.8629, -1.8196, -15.5532]$.

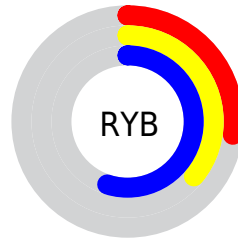
Distribution



Red (27%)

Green (39%)

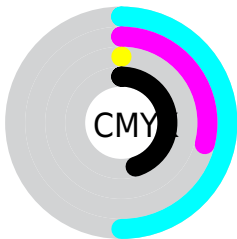
Blue (55%)



Red (27%)

Yellow (36%)

Blue (55%)

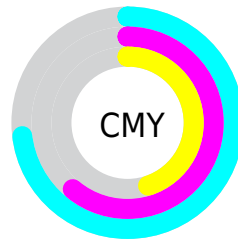


Cyan (50%)

Magenta (29%)

Yellow (0%)

Black (45%)



Cyan (73%)

Magenta (61%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.8127, -0.8221, -20.8189 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 34.8127, -0.8221, -20.8189 by changing the saturation by 10% instead.

■ 34.8127, -0.8221,
-20.8189

■ 34.8127, -0.8221,
-20.8189

■ 143.2466, -5.9946,
-23.5153

■ 26.1252, -0.4516,
-20.2780

■ 54.5095, -1.7087,
-21.8058

■ 18.3113, -0.1381,
-19.7804

■ 65.4068, -2.2160,
-22.2198

■ 11.4835, 0.1079,
-19.5206

■ 76.9466, -2.7618,
-22.5752

■ 3.9449, 1.3801,
-33.0778

■ 89.0951, -3.3436,
-22.8723

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.8232, -3.9594,
-23.1126

0.0000, NaN, NaN

115.1056, -4.6075,

0.0000, NaN, NaN

-23.2984

0.0000, NaN, NaN

128.9200, -5.2863,
-23.4319

■ 34.8127, -0.8221,
-20.8189

■ 34.8127, -0.8221,
-20.8189

■ 31.9102, 0.5926,
-26.4266

■ 37.8629, -1.8196,
-15.5532

■ 29.1744, 2.4897,
-32.4021

■ 41.0411, -2.4603,
-10.5973

■ 26.6302, 4.9311,
-38.7443

■ 44.3331, -2.7973,
-5.9130

■ 24.3040, 7.9600,
-45.4121

■ 47.7266, -2.8754,
-1.4640

■ 22.1804, 11.4565,
-52.4544

■ 51.2114, -2.7324,
2.7833

■ 22.1799, 11.4573,
-52.4560

■ 54.7789, -2.3995,
6.8581

■ 58.4218, -1.9026,
10.7860

■ 62.1339, -1.2631,
14.5890

■ 65.9101, -0.4987,
18.2856

Harmonies

Analogous

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



34.8133, -9.8648, -17.8928



34.8127, -0.8221, -20.8189



34.8133, 8.9202, -16.4158

Triad

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



34.8133, -0.8221, -20.8181



34.8133, 15.1250, 10.2569



34.8133, -16.9582, 8.9738

Complementary

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



34.8127, -0.8221, -20.8189



41.6979, 2.3947, 17.4962

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.



34.8133, -11.4686, 13.6939



34.8127, -0.8221, -20.8189



34.8133, 6.9418, 14.2801

Square

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



34.8133, -0.8221, -20.8181



34.8133, 18.7372, 2.8618



34.8133, -2.8847, 15.3413



34.8133, -18.5594, 0.8996

Rectangle

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



34.8127, -0.8221, -20.8189



34.8133, 14.3241, -10.4718



34.8133, -2.8847, 15.3413



34.8133, -15.5384, 10.9227

Sweetspot

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



34.8133, -0.8221, -20.8181



60.9588, -3.8023, -5.0496



46.0463, -23.3465, 8.6617



28.8603, -1.8125, -2.9552



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.



34.8133, -0.8221, -20.8181



41.8969, 1.0688, -36.0670



27.9357, 14.3165, -35.1943



22.8264, -1.3648, -0.5191



20.9963, 10.6018, -49.1298



2.3883, -0.3774, -2.1705

Inverse Universe

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



32.9502, 24.9935, -0.5001



39.7660, 41.0494, -0.0651



49.2755, -12.5432, 23.1711



22.5404, 1.0461, 0.8259



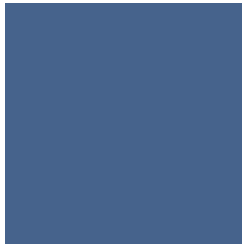
22.8675, 40.3648, 5.4479



1.9375, 3.5571, -0.6004

Previews

White Background



This preview shows how the HunterLab color 34.8127, -0.8221, -20.8189 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 34.8127, -0.8221, -20.8189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

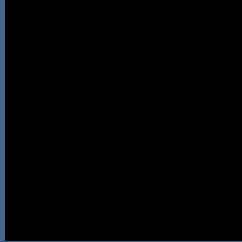
Any Text WCAG AA × Fail

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 34.8127, -0.8221, -20.8189 Background



This preview shows how black text looks on a background with the HunterLab color 34.8127, -0.8221, -20.8189.



This preview shows how white text looks on a background with the HunterLab color 34.8127, -0.8221, -20.8189.

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

34.8127, -0.8221, -20.8189

Protanopia

34.7643, 2.9673, -19.5345

Deuteranopia

34.8969, 2.3095, -21.2700



Tritanopia

34.7635, -10.2314, -5.4031

Trichromacy



Original Color

34.8127, -0.8221, -20.8189

Protanomaly

34.7502, 1.6457, -20.2336

Deuteranomaly

34.9213, 1.0226, -21.2476

Tritanomaly

34.6739, -6.9301, -10.7977

Monochromacy



Original Color

34.8127, -0.8221, -20.8189

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.8997, -1.9834, -5.4488

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.8127, -0.8221, -20.8189 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(70, 99, 140)` looks like.

```
.text, #text, p{  
    color:rgb(70, 99, 140)  
}
```

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(70, 99, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 99, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 34.8127, -0.8221, -20.8189 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(70, 99, 140) }
```


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

```
.border{ border-color:rgb(70, 99, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 99, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 99, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 99, 140);  
box-shadow:4px 4px 4px 4px rgb(70, 99,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.8127, -0.8221, -20.8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 99, 140) }
```

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

```
.background{ background-color: rgb(70, 99,  
140) }
```

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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