

Converting Colors

HunterLab(34.6438, -20.2768,
18.9236)

Have a look what the booklet for
HunterLab(34.6438, -20.2768,
18.9236) contains.

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Color

**HunterLab(34.6080,
-20.1081, 18.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	426C1E
RGB	66, 108, 30
RGB Percent	26%, 42%, 12%
CMY	0.7412, 0.5765, 0.8823
CMYK	0.39, 0.00, 0.72, 0.58
HSL	92°, 57%, 27%
HSV	92°, 72%, 42%
XYZ	7.8437, 11.9771, 3.1267
YIQ	86.5500, 0.0060, -33.1620

Conversions

Conversions Part 2

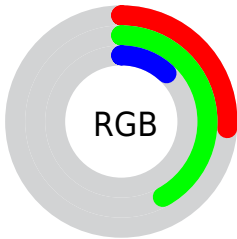
Format	Color
R_{YB}	30, 108, 72
Decimal	4353054
CIE _{Lab}	41.18, -28.78, 37.34
CIE _{LCh}	41, 47.144, 127.623
Yxy	11.9777, 0.3418, 0.5219
Android (android.graphics.Color)	4282543134 (0xFF426C1E)
YUV	86.5500, -27.8791, -18.0223
Hunter-Lab	34.6080, -20.1081, 18.8689

Details

The HunterLab color $[34.6080, -20.1081, 18.8689]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[18.4104, 24.4449, -33.9199]$, and the grayscale version is $[30.8066, -1.6438, 1.6738]$.

A 20% lighter version of the original color is $[54.3029, -24.9546, 24.9478]$, and $[18.2808, -14.1271, 11.0172]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.2633, -21.6349, 19.6523]$, and if you desaturate by 10%, it is $[35.0072, -18.3375, 17.7276]$.

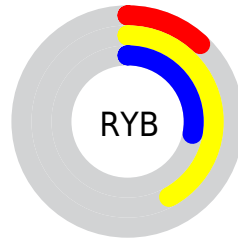
Distribution



Red (26%)

Green (42%)

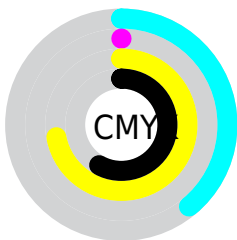
Blue (12%)



Red (12%)

Yellow (42%)

Blue (28%)

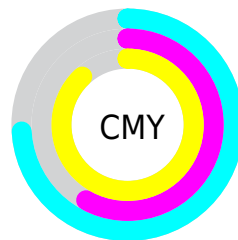


Cyan (39%)

Magenta (0%)

Yellow (72%)

Black (58%)



Cyan (74%)

Magenta (58%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.6080, -20.1081, 18.8689 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 34.6080, -20.1081, 18.8689 by changing the saturation by 10% instead.

■ 34.6080, -20.1081,
18.8689

■ 34.6080, -20.1081,
18.8689

142.9186,
-39.1584, 42.8092

■ 25.9393, -17.5498,
15.5064

■ 54.2719, -24.7876,
24.9461

■ 18.1463, -14.7549,
12.7024

■ 65.1542, -26.9820,
27.7508

■ 11.3423, -12.3910,
7.9396

■ 76.6800, -29.1100,
30.4417

■ 3.6152, -6.3266,
2.5307

■ 88.8152, -31.1863,
33.0410

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.5305,
-33.2218, 35.5655

0.0000, NaN, NaN

■ 114.8006,

0.0000, NaN, NaN

-35.2248, 38.0284

0.0000, NaN, NaN

128.6033,
-37.2020, 40.4402

34.6080, -20.1081,
18.8689

34.6080, -20.1081,
18.8689

34.2633, -21.6349,
19.6523

35.0072, -18.3375,
17.7276

33.9685, -22.9234,
20.1087

35.4601, -16.3202,
16.2105

33.7636, -23.8209,
20.3879

35.9685, -14.0607,
14.3089

36.5326, -11.5665,
12.0212

37.1524, -8.8476,
9.3515

■ 37.8272, -5.9164,
6.3090

■ 38.5565, -2.7866,
2.9066

■ 39.3389, 0.5271,
-0.8397

■ 40.1733, 4.0097,
-4.9121

Harmonies

Analogous

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



34.6088, -6.2055, 20.9740



34.6080, -20.1081, 18.8689



34.6088, -27.8190, 11.9994

Triad

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



34.6088, -20.1088, 18.8691



34.6088, -13.7643, -42.7916



34.6088, 38.2789, 5.8716

Complementary

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



34.6080, -20.1081, 18.8689



18.4104, 24.4449, -33.9199

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.



34.6088, 35.1435, -12.6745



34.6080, -20.1081, 18.8689



34.6088, 2.7354, -47.3208

Square

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



34.6088, -20.1088, 18.8691



34.6088, -24.6965, -23.9501



34.6088, 21.2153, -34.3317



34.6088, 29.0856, 16.2942

Rectangle

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



34.6080, -20.1081, 18.8689



34.6088, -29.4892, 3.1871



34.6088, 21.2153, -34.3317



34.6088, 38.6597, 0.5279

Sweetspot

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



34.6088, -20.1088, 18.8691



49.1934, -11.8639, 12.5329



28.0457, 6.3610, 14.7958



24.1205, -6.1936, 6.5239



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



34.6088, -20.1088, 18.8691



45.1124, -29.9149, 26.5090



33.3306, -25.2999, 17.5873



18.7265, -2.4185, 2.5765



36.8518, -26.1051, 22.2509



82.8812, -60.1895, 50.0173

Inverse Universe

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



18.4104, 24.4449, -33.9199



20.5500, 38.9369, -58.5182



22.6831, 32.8560, -20.6647



17.6008, 0.5309, -0.7159



15.3417, 34.6906, -55.3377



33.8700, 77.4312, -128.7141

Previews

White Background



This preview shows how the HunterLab color 34.6080, -20.1081, 18.8689 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 34.6080, -20.1081, 18.8689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

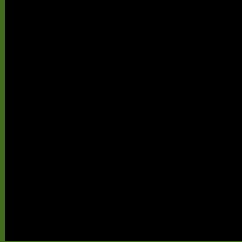
Any Text WCAG AA × Fail

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 34.6080, -20.1081, 18.8689 Background



This preview shows how black text looks on a background with the HunterLab color 34.6080, -20.1081, 18.8689.



This preview shows how white text looks on a background with the HunterLab color 34.6080,

-20.1081, 18.8689.

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

34.6080, -20.1081, 18.8689

Protanopia

34.4670, -4.4932, 19.3760

Deuteranopia

34.4189, 2.1596, 18.3714



Tritanopia

34.6255, -6.5966, -3.5533

Trichromacy



Original Color

34.6080, -20.1081, 18.8689

Protanomaly

34.2321, -11.0081, 18.9981

Deuteranomaly

34.0845, -7.1564, 18.2449

Tritanomaly

34.4910, -13.0266, 7.9789

Monochromacy



Original Color

34.6080, -20.1081, 18.8689

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.0000, -9.7016, 9.9986

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.6080, -20.1081, 18.8689 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(66, 108, 30)` looks like.

```
.text, #text, p{  
    color:rgb(66, 108, 30)  
}
```

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(66, 108, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 108, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 34.6080, -20.1081, 18.8689 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(66, 108, 30) }
```


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

```
.border{ border-color:rgb(66, 108, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 108, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 108, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 108, 30);  
box-shadow:4px 4px 4px 4px rgb(66, 108,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.6080, -20.1081, 18.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 108, 30) }
```

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

```
.background{ background-color: rgb(66, 108,  
30) }
```

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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