

Converting Colors

HunterLab(47.8632, -34.0803,
20.5321)

Have a look what the booklet for
HunterLab(47.8632, -34.0803,
20.5321) contains.

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Color

**HunterLab(47.8700,
-34.0386, 20.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	2E964C
RGB	46, 150, 76
RGB Percent	18%, 59%, 30%
CMY	0.8196, 0.4118, 0.7020
CMYK	0.69, 0.00, 0.49, 0.41
HSL	137°, 53%, 38%
HSV	137°, 69%, 59%
XYZ	13.3376, 22.9154, 10.5576
YIQ	110.4680, -38.2300, -45.0620

Conversions

Conversions Part 2

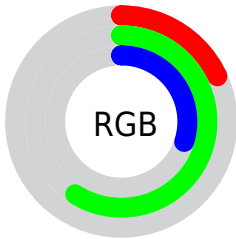
Format	Color
R_{YB}	46, 127, 150
Decimal	3053132
CIE _{Lab}	54.99, -46.14, 30.51
CIE _{LCh}	55, 55.316, 146.531
Yxy	22.9163, 0.2849, 0.4895
Android (android.graphics.Color)	4281243212 (0xFF2E964C)
YUV	110.4680, -16.9927, -56.5384
Hunter-Lab	47.8700, -34.0386, 20.4327

Details

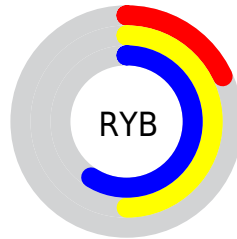
The HunterLab color $[47.8700, -34.0386, 20.4327]$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $[31.2963, 41.8816, -13.6472]$, and the grayscale version is $[39.7408, -2.1205, 2.1592]$.

A 20% lighter version of the original color is $[69.4062, -40.6470, 25.1945]$, and $[29.7053, -24.4062, 15.5569]$ is the 20% darker color. If you saturate the color by 10%, you get $[47.4240, -36.1855, 22.2740]$, and if you desaturate by 10%, it is $[48.4650, -31.2677, 18.3706]$.

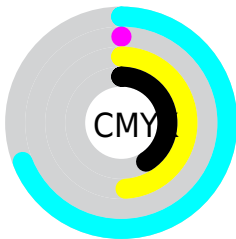
Distribution



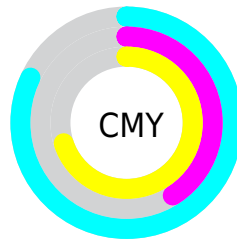
- Red (18%)
- Green (59%)
- Blue (30%)



- Red (18%)
- Yellow (50%)
- Blue (59%)



- Cyan (69%)
- Magenta (0%)
- Yellow (49%)
- Black (41%)



- Cyan (82%)
- Magenta (41%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8700, -34.0386, 20.4327 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 47.8700, -34.0386, 20.4327 by changing the saturation by 10% instead.

■ 47.8700, -34.0386,
20.4327

■ 47.8700, -34.0386,
20.4327

163.4915,
-60.4704, 40.0148

■ 38.1205, -30.4662,
17.8809

■ 69.4664, -40.6085,
25.1856

■ 29.1400, -26.6170,
15.1605

■ 81.2278, -43.6841,
27.4368

■ 21.0023, -22.3850,
12.2200

■ 93.5870, -46.6555,
29.6274

■ 13.8058, -18.3366,
9.6641

■ 106.5162,
-49.5412, 31.7696

■ 7.4296, -13.0017,
5.2007

■ 119.9915,
-52.3552, 33.8727

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 133.9915,

-55.1090, 35.9442

0.0000, NaN, NaN

148.4972,
-57.8116, 37.9899

0.0000, NaN, NaN

■ 47.8700, -34.0386,
20.4327

■ 47.8700, -34.0386,
20.4327

■ 47.4240, -36.1855,
22.2740

■ 48.4650, -31.2677,
18.3706

■ 47.1130, -37.7332,
23.8758

■ 49.2136, -27.8682,
16.1096

■ 46.9060, -38.8035,
25.2142

■ 50.1209, -23.8581,
13.6766

■ 46.8935, -38.8682,
25.2925

■ 51.1884, -19.2707,
11.1007

■ 52.4152, -14.1515,
8.4118

■ 53.7985, -8.5533,
5.6393

■ 55.3339, -2.5331,
2.8106

■ 57.0157, 3.8518,
-0.0499

■ 58.8377, 10.5459,
-2.9208

Harmonies

Analogous

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



47.8710, -20.6870, 26.9793



47.8700, -34.0386, 20.4327



47.8710, -39.0683, 5.0722

Triad

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



47.8710, -34.0392, 20.4330



47.8710, -5.1928, -60.9274



47.8710, 43.5718, 17.7987

Complementary

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



47.8700, -34.0386, 20.4327



31.2963, 41.8816, -13.6472

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.



47.8710, 49.8234, 0.0006



47.8700, -34.0386, 20.4327



47.8710, 18.7512, -52.0876

Square

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



47.8710, -34.0392, 20.4330



47.8710, -24.5076, -47.1844



47.8710, 40.0087, -26.7412



47.8710, 24.2379, 26.0380

Rectangle

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



47.8700, -34.0386, 20.4327



47.8710, -37.8893, -10.9164



47.8710, 40.0087, -26.7412



47.8710, 47.4132, 13.0612

Sweetspot

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



47.8710, -34.0392, 20.4330



69.2732, -20.2692, 11.9282



51.0317, -22.0765, 28.0557



32.4175, -10.3452, 6.0328



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.8710, -34.0392, 20.4330



62.7588, -49.2552, 30.7585



48.9275, -27.6342, 5.1392



25.4839, -4.0112, 2.6516



42.7110, -35.3600, 22.9470



4.7736, -3.6111, 1.8288

Inverse Universe

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



31.2963, 41.8816, -13.6472



38.2711, 63.7932, -18.3200



29.7697, 35.5354, 7.9028



24.2507, 1.4654, 0.0560



25.0183, 46.3677, -11.1441



2.8588, 5.4521, -2.4654

Previews

White Background



This preview shows how the HunterLab color 47.8700, -34.0386, 20.4327 looks on a white 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

Black Background



This preview shows how the HunterLab color 47.8700, -34.0386, 20.4327 looks on a black 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

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

HunterLab 47.8700, -34.0386, 20.4327 Background



This preview shows how black text looks on a background with the HunterLab color 47.8700, -34.0386, 20.4327.



This preview shows how white text looks on a background with the HunterLab color 47.8700,

-34.0386, 20.4327.

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

47.8700, -34.0386, 20.4327

Protanopia

47.5306, -5.4699, 22.1692

Deuteranopia

47.4821, 3.2093, 19.3467



Tritanopia

47.6332, -16.3805, -8.4475

Trichromacy



Original Color

47.8700, -34.0386, 20.4327

Protanomaly

46.7258, -18.9570, 20.6809

Deuteranomaly

46.2723, -14.2047, 18.5396

Tritanomaly

47.3828, -23.9200, 4.5006

Monochromacy



Original Color

47.8700, -34.0386, 20.4327

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

41.9229, -16.0179, 9.2101

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8700, -34.0386, 20.4327 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(46, 150, 76)` looks like.

```
.text, #text, p{  
    color:rgb(46, 150, 76)  
}
```

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(46, 150, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 150, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8700, -34.0386, 20.4327 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(46, 150, 76) }
```


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

```
.border{ border-color:rgb(46, 150, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 150, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 150, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 150, 76);  
box-shadow:4px 4px 4px 4px rgb(46, 150,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8700, -34.0386, 20.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 150, 76) }
```

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

```
.background{ background-color: rgb(46, 150,  
76) }
```

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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