

Converting Colors

HunterLab(46.4689, -33.1396,
20.4477)

Have a look what the booklet for
HunterLab(46.4689, -33.1396,
20.4477) contains.

HunterLab(46.4689, -33.1396, 20.4477)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(46.4689,
-33.1396, 20.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	2E9247
RGB	46, 146, 71
RGB Percent	18%, 57%, 28%
CMY	0.8196, 0.4274, 0.7216
CMYK	0.68, 0.00, 0.51, 0.43
HSL	135°, 52%, 38%
HSV	135°, 68%, 57%
XYZ	12.5430, 21.5936, 9.4682
YIQ	107.5500, -35.5250, -44.5250

Conversions

Conversions Part 2

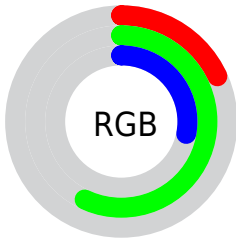
Format	Color
RYB	46, 126, 146
Decimal	3052103
CIELab	53.59, -45.41, 31.38
CIElCh	54, 55.199, 145.353
Yxy	21.5945, 0.2877, 0.4952
Android (android.graphics.Color)	4281242183 (0xFF2E9247)
YUV	107.5500, -18.0191, -53.9793
Hunter-Lab	46.4689, -33.1396, 20.4477

Details

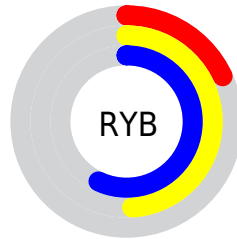
The HunterLab color $[46.4689, -33.1396, 20.4477]$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $[30.7341, 40.7845, -15.2450]$, and the grayscale version is $[38.6303, -2.0612, 2.0989]$.

A 20% lighter version of the original color is $[67.9390, -39.6428, 25.3833]$, and $[28.4101, -23.5330, 15.2908]$ is the 20% darker color. If you saturate the color by 10%, you get $[46.0250, -35.2700, 22.2265]$, and if you desaturate by 10%, it is $[47.0602, -30.3891, 18.4211]$.

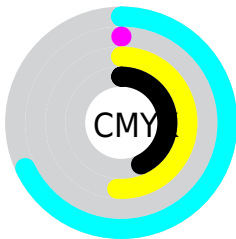
Distribution



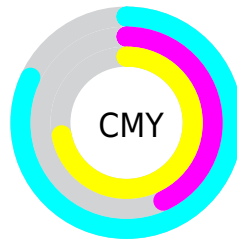
- Red (18%)
- Green (57%)
- Blue (28%)



- Red (18%)
- Yellow (49%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (51%)
- Black (43%)



- Cyan (82%)
- Magenta (43%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4689, -33.1396, 20.4477 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 46.4689, -33.1396, 20.4477 by changing the saturation by 10% instead.

■ 46.4689, -33.1396,
20.4477

■ 46.4689, -33.1396,
20.4477

161.3757,
-59.3394, 40.5177

■ 36.8229, -29.5874,
17.8104

■ 67.8784, -39.6609,
25.3433

■ 27.9549, -25.7523,
14.9913

■ 79.5542, -42.7104,
27.6556

■ 19.9415, -21.5232,
12.0264

■ 91.8319, -45.6554,
29.9022

■ 12.8861, -18.0922,
9.0202

■ 104.6833,
-48.5145, 32.0961

■ 6.3078, -11.0387,
4.4155

■ 118.0839,
-51.3021, 34.2474

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 132.0120,

-54.0297, 36.3641

0.0000, NaN, NaN

146.4484,
-56.7063, 38.4525

0.0000, NaN, NaN

■ 46.4689, -33.1396,
20.4477

■ 46.4689, -33.1396,
20.4477

■ 46.0250, -35.2700,
22.2265

■ 47.0602, -30.3891,
18.4211

■ 45.7150, -36.8025,
23.7418

■ 47.8030, -27.0158,
16.1666

■ 45.5124, -37.8413,
24.9764

■ 48.7020, -23.0393,
13.7104

■ 45.4853, -37.9797,
25.1345

■ 49.7585, -18.4942,
11.0814

■ 50.9713, -13.4264,
8.3103

■ 52.3374, -7.8894,
5.4275

■ 53.8522, -1.9402,
2.4619

■ 55.5102, 4.3644,
-0.5602

■ 57.3050, 10.9695,
-3.6155

Harmonies

Analogous

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



46.4699, -19.6884, 26.5453



46.4689, -33.1396, 20.4477



46.4699, -38.3920, 5.7603

Triad

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



46.4699, -33.1402, 20.4480



46.4699, -5.9558, -60.5496



46.4699, 43.7519, 16.9947

Complementary

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



46.4689, -33.1396, 20.4477



30.7341, 40.7845, -15.2450

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.



46.4699, 49.3403, -0.9514



46.4689, -33.1396, 20.4477



46.4699, 17.6611, -52.5945

Square

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



46.4699, -33.1402, 20.4480



46.4699, -24.7273, -46.0471



46.4699, 39.0166, -27.7011



46.4699, 24.9403, 25.3256

Rectangle

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



46.4689, -33.1396, 20.4477



46.4699, -37.4448, -9.8217



46.4699, 39.0166, -27.7011



46.4699, 47.3754, 12.2103

Sweetspot

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



46.4699, -33.1402, 20.4480



67.2051, -19.8737, 12.1337



49.8207, -20.3376, 27.2671



31.5110, -10.1520, 6.1467



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



46.4699, -33.1402, 20.4480



60.8951, -47.9917, 30.6048



47.4553, -27.1616, 6.1649



25.4771, -4.0496, 2.7500



42.6720, -35.6043, 23.5231



4.7646, -3.6669, 1.9605

Inverse Universe

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



30.7341, 40.7845, -15.2450



37.5834, 62.4128, -21.2778



29.1895, 34.3416, 6.4786



24.2583, 1.5064, -0.0527



25.2240, 47.1009, -13.9641



2.8738, 5.5047, -2.6651

Previews

White Background



This preview shows how the HunterLab color 46.4689, -33.1396, 20.4477 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 46.4689, -33.1396, 20.4477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

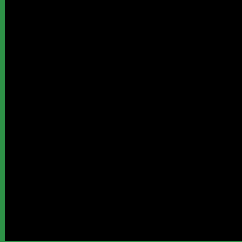
Any Text WCAG AA ✓ Pass

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 46.4689, -33.1396, 20.4477 Background



This preview shows how black text looks on a background with the HunterLab color 46.4689, -33.1396, 20.4477.



This preview shows how white text looks on a background with the HunterLab color 46.4689,

-33.1396, 20.4477.

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

46.4689, -33.1396, 20.4477

Protanopia

45.9737, -5.2909, 21.7866

Deuteranopia

45.9136, 3.2506, 19.2819



Tritanopia

46.5285, -16.0567, -7.8429

Trichromacy



Original Color

46.4689, -33.1396, 20.4477

Protanomaly

45.2986, -18.2651, 20.6427

Deuteranomaly

44.8532, -13.5339, 18.6022

Tritanomaly

46.2843, -23.5320, 4.9360

Monochromacy



Original Color

46.4689, -33.1396, 20.4477

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

40.8370, -15.6404, 9.1711

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4689, -33.1396, 20.4477 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, 146, 71)` looks like.

```
.text, #text, p{  
    color:rgb(46, 146, 71)  
}
```

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, 146, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 146, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4689, -33.1396, 20.4477 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, 146, 71) }
```


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

```
.border{ border-color:rgb(46, 146, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 146, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 146, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 146, 71);  
box-shadow:4px 4px 4px 4px rgb(46, 146,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4689, -33.1396, 20.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 146, 71) }
```

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

```
.background{ background-color: rgb(46, 146,  
71) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor