

Converting Colors

HunterLab(47.8751, -25.5176,
19.6540)

Have a look what the booklet for
HunterLab(47.8751, -25.5176,
19.6540) contains.

HunterLab(47.8588, -25.5773, 19.6405)	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(47.8588,
-25.5773, 19.6405)**

Conversions

Conversions Part 1

Format	Color
Hex	589150
RGB	88, 145, 80
RGB Percent	35%, 57%, 31%
CMY	0.6549, 0.4314, 0.6863
CMYK	0.39, 0.00, 0.45, 0.43
HSL	113°, 29%, 44%
HSV	113°, 45%, 57%
XYZ	15.5978, 22.9046, 11.1883
YIQ	120.5470, -13.1070, -32.2990

Conversions

Conversions Part 2

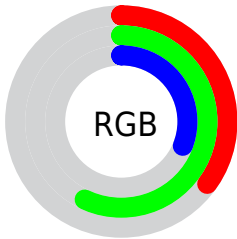
Format	Color
RYB	80, 145, 137
Decimal	5804368
CIELab	54.97, -32.18, 28.69
CIELCh	55, 43.113, 138.278
Yxy	22.9056, 0.3139, 0.4609
Android (android.graphics.Color)	4283994448 (0xFF589150)
YUV	120.5470, -19.9897, -28.5437
Hunter-Lab	47.8588, -25.5773, 19.6405

Details

The HunterLab color $47.8588, -25.5773, 19.6405$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $36.1948, 26.8933, -21.1090$, and the grayscale version is $43.6303, -2.3280, 2.3705$.

A 20% lighter version of the original color is $69.3695, -30.2105, 24.1658$, and $29.1381, -20.3324, 14.6710$ is the 20% darker color. If you saturate the color by 10%, you get $47.0601, -29.1826, 22.0903$, and if you desaturate by 10%, it is $48.8049, -21.3895, 16.6903$.

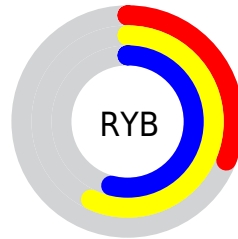
Distribution



Red (35%)

Green (57%)

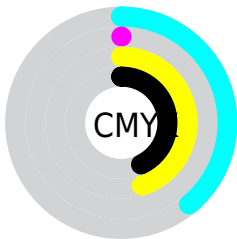
Blue (31%)



Red (31%)

Yellow (57%)

Blue (54%)

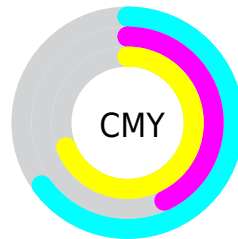


Cyan (39%)

Magenta (0%)

Yellow (45%)

Black (43%)



Cyan (65%)

Magenta (43%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8588, -25.5773, 19.6405 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 47.8588, -25.5773, 19.6405 by changing the saturation by 10% instead.

■ 47.8588, -25.5773,
19.6405

■ 47.8588, -25.5773,
19.6405

163.4747,
-45.5571, 38.3618

■ 38.1101, -22.9955,
17.2209

■ 69.4538, -30.4031,
24.1596

■ 29.1306, -20.2454,
14.6454

■ 81.2145, -32.6955,
26.3058

■ 20.9938, -17.2580,
11.8572

■ 93.5730, -34.9301,
28.3979

■ 13.7984, -13.9254,
9.6589

■ 106.5017,
-37.1181, 30.4470

■ 7.4213, -12.9873,
5.1949

■ 119.9763,
-39.2686, 32.4618

0.0000, NaN, NaN

0.0000, NaN, NaN

133.9757,

-41.3883, 34.4490

0.0000, NaN, NaN

148.4809,
-43.4830, 36.4142

0.0000, NaN, NaN

■ 47.8588, -25.5773,
19.6405

■ 47.8588, -25.5773,
19.6405

■ 47.0601, -29.1826,
22.0903

■ 48.8049, -21.3895,
16.6903

■ 46.4040, -32.1781,
24.0288

■ 49.8952, -16.6536,
13.2608

■ 45.8874, -34.5565,
25.4619

■ 51.1285, -11.4166,
9.3835

■ 45.5033, -36.3288,
26.4138

■ 52.5014, -5.7298,
5.0959

■ 45.2410, -37.5318,
26.9380

■ 54.0094, 0.3532,
0.4388

■ 45.1429, -37.9864,
27.1518

■ 55.6470, 6.7795,
-4.5462

■ 57.4083, 13.4987,
-9.8182

■ 59.2870, 20.4644,
-15.3388

■ 61.2768, 27.6348,
-21.0726

Harmonies

Analogous

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



47.8598, -12.8539, 24.3969



47.8588, -25.5773, 19.6405



47.8598, -31.7445, 8.7762

Triad

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



47.8598, -25.5782, 19.6409



47.8598, -9.3329, -41.6689



47.8598, 34.5973, 11.7570

Complementary

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



47.8588, -25.5773, 19.6405



36.1948, 26.8933, -21.1090

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.



47.8598, 35.9083, -4.5157



47.8588, -25.5773, 19.6405



47.8598, 8.6931, -39.9339

Square

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



47.8598, -25.5782, 19.6409



47.8598, -23.3271, -28.7401



47.8598, 25.8559, -24.6223



47.8598, 22.5001, 21.1315

Rectangle

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



47.8588, -25.5773, 19.6405



47.8598, -32.0102, -2.3391



47.8598, 25.8559, -24.6223



47.8598, 36.3729, 7.0723

Sweetspot

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



47.8598, -25.5782, 19.6409



68.6940, -14.1308, 11.6986



49.2974, -6.6938, 21.1315



32.2340, -7.3606, 6.0382



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.



47.8598, -25.5782, 19.6409



62.9469, -39.1835, 29.6485



47.9097, -24.5108, 12.9392



24.6155, -3.9133, 3.3227



41.8158, -35.1454, 25.1514



4.1490, -3.1815, 2.5009

Inverse Universe

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



36.1948, 26.8933, -21.1090



44.3783, 44.9591, -35.9606



36.2521, 25.2269, -6.8936



23.4048, 1.4601, -0.8249



23.7518, 48.0580, -41.8792



2.4506, 4.8808, -3.7194

Previews

White Background



This preview shows how the HunterLab color 47.8588, -25.5773, 19.6405 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 47.8588, -25.5773, 19.6405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

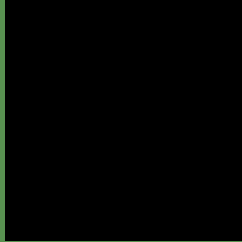
Any Text WCAG AA ✓ Pass

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 47.8588, -25.5773, 19.6405 Background



This preview shows how black text looks on a background with the HunterLab color 47.8588, -25.5773, 19.6405.



This preview shows how white text looks on a background with the HunterLab color 47.8588,

-25.5773, 19.6405.

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

47.8588, -25.5773, 19.6405

Protanopia

47.6129, -5.0142, 20.9619

Deuteranopia

47.5313, 3.4724, 18.6289



Tritanopia

47.7453, -10.0619, -5.5471

Trichromacy



Original Color

47.8588, -25.5773, 19.6405

Protanomaly

47.3595, -13.3181, 20.1596

Deuteranomaly

47.0251, -8.3301, 18.5128

Tritanomaly

47.6162, -16.6869, 5.7157

Monochromacy



Original Color

47.8588, -25.5773, 19.6405

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.0079, -11.7752, 9.5649

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8588, -25.5773, 19.6405 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(88, 145, 80)` looks like.

```
.text, #text, p{  
    color:rgb(88, 145, 80)  
}
```

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(88, 145, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 145, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8588, -25.5773, 19.6405 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(88, 145, 80) }
```


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

```
.border{ border-color:rgb(88, 145, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 145, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 145, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 145, 80);  
box-shadow:4px 4px 4px 4px rgb(88, 145,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8588, -25.5773, 19.6405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 145, 80) }
```

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

```
.background{ background-color: rgb(88, 145,  
80) }
```

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