

Converting Colors

HunterLab(46.7846, -24.9053,
20.6486)

Have a look what the booklet for
HunterLab(46.7846, -24.9053,
20.6486) contains.

HunterLab(46.8377, -24.9434, 20.6637)	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(46.8377,
-24.9434, 20.6637)**

Conversions

Conversions Part 1

Format	Color
Hex	598E48
RGB	89, 142, 72
RGB Percent	35%, 56%, 28%
CMY	0.6510, 0.4431, 0.7176
CMYK	0.37, 0.00, 0.49, 0.44
HSL	105°, 33%, 42%
HSV	105°, 49%, 56%
XYZ	14.9625, 21.9377, 9.5766
YIQ	118.1730, -9.1180, -33.0060

Conversions

Conversions Part 2

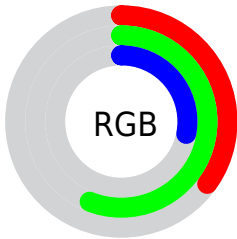
Format	Color
R_{YB}	72, 142, 125
Decimal	5869128
CIE _{Lab}	53.96, -31.58, 31.68
CIE _{LCh}	54, 44.731, 134.911
Yxy	21.9386, 0.3219, 0.4720
Android (android.graphics.Color)	4284059208 (0xFF598E48)
YUV	118.1730, -22.7633, -25.5847
Hunter-Lab	46.8377, -24.9434, 20.6637

Details

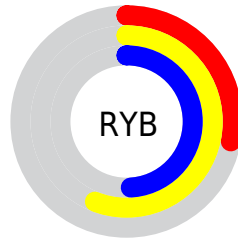
The HunterLab color $46.8377, -24.9434, 20.6637$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $33.0883, 26.5666, -25.0043$, and the grayscale version is $42.7190, -2.2794, 2.3210$.

A 20% lighter version of the original color is $68.2904, -29.5710, 25.5769$, and $28.2213, -19.5593, 15.1152$ is the 20% darker color. If you saturate the color by 10%, you get $46.1309, -28.1265, 22.8223$, and if you desaturate by 10%, it is $47.6626, -21.2808, 17.9919$.

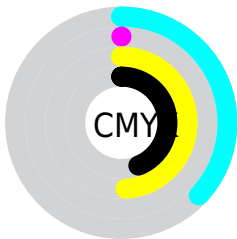
Distribution



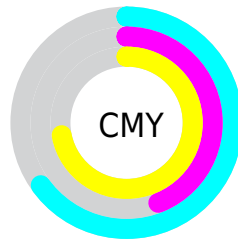
- Red (35%)
- Green (56%)
- Blue (28%)



- Red (28%)
- Yellow (56%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (49%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8377, -24.9434, 20.6637 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 46.8377, -24.9434, 20.6637 by changing the saturation by 10% instead.

■ 46.8377, -24.9434,
20.6637

■ 46.8377, -24.9434,
20.6637

161.9338,
-44.6970, 40.8583

■ 37.1643, -22.3887,
18.0102

■ 68.2968, -29.7151,
25.5906

■ 28.2664, -19.6648,
15.1747

■ 79.9953, -31.9811,
27.9176

■ 20.2200, -16.7006,
12.1789

■ 92.2945, -34.1899,
30.1784

■ 13.1270, -13.4785,
9.1889

■ 105.1666,
-36.3528, 32.3861

■ 6.6227, -11.5897,
4.6359

■ 118.5869,
-38.4786, 34.5507

0.0000, NaN, NaN

0.0000, NaN, NaN

132.5341,

-40.5744, 36.6802

0.0000, NaN, NaN

146.9888,
-42.6457, 38.7810

0.0000, NaN, NaN

■ 46.8377, -24.9434,
20.6637

■ 46.8377, -24.9434,
20.6637

■ 46.1309, -28.1265,
22.8223

■ 47.6626, -21.2808,
17.9919

■ 45.5375, -30.8121,
24.4690

■ 48.6027, -17.1604,
14.8158

■ 45.0555, -32.9973,
25.6212

■ 49.6579, -12.6145,
11.1552

■ 44.6795, -34.6925,
26.3143

■ 50.8260, -7.6789,
7.0369

■ 44.3966, -35.9596,
26.6891

■ 52.1041, -2.3921,
2.4925

■ 44.3793, -36.0380,
26.7154

■ 53.4887, 3.2069,
-2.4433

■ 54.9757, 9.0799,
-7.7349

■ 56.5606, 15.1905,
-13.3467

■ 58.2391, 21.5050,
-19.2444

Harmonies

Analogous

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



46.8387, -11.2580, 24.7988



46.8377, -24.9434, 20.6637



46.8387, -31.9882, 10.4884

Triad

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



46.8387, -24.9443, 20.6640



46.8387, -11.3564, -42.9466



46.8387, 36.8018, 10.4057

Complementary

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



46.8377, -24.9434, 20.6637



33.0883, 26.5666, -25.0043

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.



46.8387, 36.7645, -7.0800



46.8377, -24.9434, 20.6637



46.8387, 6.9492, -42.9966

Square

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



46.8387, -24.9443, 20.6640



46.8387, -25.0067, -27.9602



46.8387, 25.1699, -28.0782



46.8387, 25.2650, 20.6237

Rectangle

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



46.8377, -24.9434, 20.6637



46.8387, -32.7836, -0.4225



46.8387, 25.1699, -28.0782



46.8387, 38.1941, 5.3388

Sweetspot

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



46.8387, -24.9443, 20.6640



66.5412, -14.1991, 12.7050



45.5638, -2.9660, 20.0460



31.3148, -7.2737, 6.4714



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.



46.8387, -24.9443, 20.6640



61.1777, -37.7094, 30.5380



46.3189, -26.4494, 15.8386



24.6753, -3.6992, 3.3918



42.0597, -34.1087, 25.3199



4.2197, -2.8882, 2.5496

Inverse Universe

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



33.0883, 26.5666, -25.0043



39.6377, 43.6982, -42.3126



34.4296, 28.6274, -11.4089



23.3366, 1.2306, -0.9155



21.4422, 44.8979, -49.5356



2.3269, 4.7053, -4.0814

Previews

White Background



This preview shows how the HunterLab color 46.8377, -24.9434, 20.6637 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 46.8377, -24.9434, 20.6637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

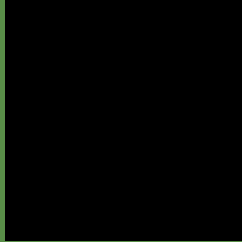
Any Text WCAG AA ✓ Pass

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 46.8377, -24.9434, 20.6637 Background



This preview shows how black text looks on a background with the HunterLab color 46.8377, -24.9434, 20.6637.



This preview shows how white text looks on a background with the HunterLab color 46.8377, -24.9434, 20.6637.

-24.9434, 20.6637.

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

46.8377, -24.9434, 20.6637

Protanopia

46.7510, -5.3808, 21.9791

Deuteranopia

46.6580, 3.0224, 19.8813



Tritanopia

46.8181, -9.0516, -5.2336

Trichromacy



Original Color

46.8377, -24.9434, 20.6637

Protanomaly

46.5734, -13.4061, 21.2961

Deuteranomaly

46.2372, -8.4594, 19.8073

Tritanomaly

46.6269, -15.9600, 6.6576

Monochromacy



Original Color

46.8377, -24.9434, 20.6637

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

43.8681, -11.6579, 10.1871

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8377, -24.9434, 20.6637 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(89, 142, 72)` looks like.

```
.text, #text, p{  
    color:rgb(89, 142, 72)  
}
```

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(89, 142, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 142, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8377, -24.9434, 20.6637 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(89, 142, 72) }
```


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

```
.border{ border-color:rgb(89, 142, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 142, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 142, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 142, 72);  
box-shadow:4px 4px 4px 4px rgb(89, 142,  
72) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8377, -24.9434, 20.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 142, 72) }
```

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

```
.background{ background-color: rgb(89, 142,  
72) }
```

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