

Converting Colors

HunterLab(45.9718, -22.9291,
17.2867)

Have a look what the booklet for
HunterLab(45.9718, -22.9291,
17.2867) contains.

HunterLab(46.0049, -23.0126, 17.3983)	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(46.0049,
-23.0126, 17.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	588B53
RGB	88, 139, 83
RGB Percent	35%, 55%, 33%
CMY	0.6549, 0.4549, 0.6745
CMYK	0.37, 0.00, 0.40, 0.45
HSL	115°, 25%, 44%
HSV	115°, 40%, 55%
XYZ	14.8185, 21.1645, 11.4877
YIQ	117.3670, -12.4200, -28.2280

Conversions

Conversions Part 2

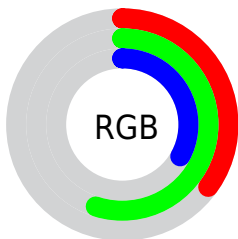
Format	Color
R_{YB}	83, 139, 134
Decimal	5802835
CIE Lab	53.13, -28.86, 24.68
CIE LCh	53, 37.979, 139.464
Yxy	21.1654, 0.3122, 0.4458
Android (android.graphics.Color)	4283992915 (0xFF588B53)
YUV	117.3670, -16.9429, -25.7549
Hunter-Lab	46.0049, -23.0126, 17.3983

Details

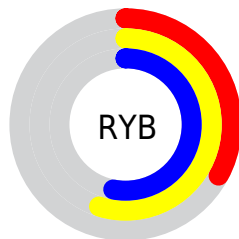
The HunterLab color $46.0049, -23.0126, 17.3983$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $36.2210, 23.2784, -17.2582$, and the grayscale version is $42.3863, -2.2616, 2.3029$.

A 20% lighter version of the original color is $67.3861, -27.5478, 21.5165$, and $27.4319, -17.9240, 12.8067$ is the 20% darker color. If you saturate the color by 10%, you get $45.1738, -26.7423, 19.9564$, and if you desaturate by 10%, it is $46.9835, -18.7174, 14.3820$.

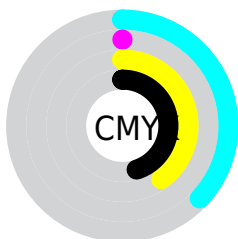
Distribution



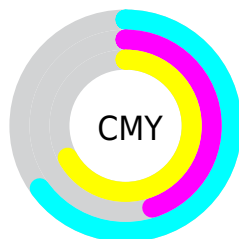
- Red (35%)
- Green (55%)
- Blue (33%)



- Red (33%)
- Yellow (55%)
- Blue (53%)



- Cyan (37%)
- Magenta (0%)
- Yellow (40%)
- Black (45%)



- Cyan (65%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.0049, -23.0126, 17.3983 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 46.0049, -23.0126, 17.3983 by changing the saturation by 10% instead.

■ 46.0049, -23.0126,
17.3983

■ 46.0049, -23.0126,
17.3983

160.6724,
-41.5677, 34.2980

■ 36.3936, -20.6356,
15.2479

■ 67.3518, -27.4662,
21.4328

■ 27.5635, -18.1062,
12.9633

■ 78.9989, -29.5878,
23.3586

■ 19.5920, -15.3578,
10.4892

■ 91.2493, -31.6597,
25.2422

■ 12.5842, -12.4200,
8.8089

■ 104.0747,
-33.6924, 27.0933

■ 5.8866, -10.3015,
4.1206

■ 117.4503,
-35.6939, 28.9192

0.0000, NaN, NaN

0.0000, NaN, NaN

131.3543,

-37.6705, 30.7258

0.0000, NaN, NaN

145.7675,
-39.6270, 32.5175

0.0000, NaN, NaN

■ 46.0049, -23.0126,
17.3983

■ 46.0049, -23.0126,
17.3983

■ 45.1738, -26.7423,
19.9564

■ 46.9835, -18.7174,
14.3820

■ 44.4862, -29.8732,
22.0382

■ 48.1055, -13.8962,
10.9340

■ 43.9397, -32.3909,
23.6404


■ 49.3692, -8.5996,
7.0892


■ 43.5283, -34.2992,
24.7758


■ 50.7706, -2.8816,
2.8867


■ 43.2428, -35.6240,
25.4768


■ 52.3044, 3.2034,
-1.6328

 43.0665, -36.4454,
25.8994

 53.9649, 9.6024,
-6.4288

 55.7458, 16.2661,
-11.4629

 57.6407, 23.1497,
-16.6997

 59.6431, 30.2136,
-22.1074

Harmonies

Analogous

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



46.0059, -11.9859, 22.0359



46.0049, -23.0126, 17.3983



46.0059, -28.2761, 7.3989

Triad

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



46.0059, -23.0135, 17.3987



46.0059, -7.7882, -35.0654



46.0059, 29.1995, 10.9957

Complementary

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



46.0049, -23.0126, 17.3983



36.2210, 23.2784, -17.2582

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.



46.0059, 30.7154, -2.9954



46.0049, -23.0126, 17.3983



46.0059, 7.9162, -33.1118

Square

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



46.0059, -23.0135, 17.3987



46.0059, -20.2919, -24.7201



46.0059, 22.4934, -20.0328



46.0059, 18.5911, 19.2779

Rectangle

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



46.0049, -23.0126, 17.3983



46.0059, -28.3503, -2.4131



46.0059, 22.4934, -20.0328



46.0059, 30.8381, 6.9323

Sweetspot

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



46.0059, -23.0135, 17.3987



65.7168, -12.9533, 10.5414



47.9577, -7.0579, 19.3099



31.4532, -6.6032, 5.3407



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.



46.0059, -23.0135, 17.3987



60.5789, -35.2083, 26.3140



46.1881, -21.4259, 10.7907



23.7238, -3.8166, 3.1745



40.9179, -34.6035, 24.6076



3.3712, -2.6668, 2.0306

Inverse Universe

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



36.2210, 23.2784, -17.2582



45.0414, 38.7194, -29.1487



35.9875, 20.9901, -4.9828



22.5980, 1.4538, -0.7578



23.9380, 48.0226, -39.0118



2.0285, 4.0249, -2.9601

Previews

White Background



This preview shows how the HunterLab color 46.0049, -23.0126, 17.3983 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 46.0049, -23.0126, 17.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

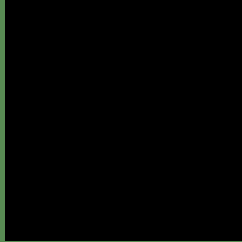
Any Text WCAG AA ✓ Pass

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 46.0049, -23.0126, 17.3983 Background



This preview shows how black text looks on a background with the HunterLab color 46.0049, -23.0126, 17.3983.



This preview shows how white text looks on a background with the HunterLab color 46.0049,

-23.0126, 17.3983.

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

46.0049, -23.0126, 17.3983

Protanopia

45.6892, -4.4870, 18.7216

Deuteranopia

45.7626, 3.0761, 16.5704



Tritanopia

45.9765, -9.1978, -5.3422

Trichromacy



Original Color

46.0049, -23.0126, 17.3983

Protanomaly

45.6123, -12.0804, 18.0294

Deuteranomaly

45.4966, -7.8176, 16.4247

Tritanomaly

45.9797, -15.1105, 4.7423

Monochromacy



Original Color

46.0049, -23.0126, 17.3983

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

43.3028, -10.5377, 8.1997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.0049, -23.0126, 17.3983 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, 139, 83)` looks like.

```
.text, #text, p{  
    color:rgb(88, 139, 83)  
}
```

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, 139, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 139, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 46.0049, -23.0126, 17.3983 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, 139, 83) }
```


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

```
.border{ border-color:rgb(88, 139, 83) }
```

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

Here you see how a box with a 4 pixel rgb(88, 139, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 139, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 139, 83);  
box-shadow:4px 4px 4px 4px rgb(88, 139,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.0049, -23.0126, 17.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 139, 83) }
```

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

```
.background{ background-color: rgb(88, 139,  
83) }
```

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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