

Converting Colors

HunterLab(47.8525, -23.6598,
17.2533)

Have a look what the booklet for
HunterLab(47.8525, -23.6598,
17.2533) contains.

HunterLab(47.8455, -23.6987, 17.3554)	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(47.8455,
-23.6987, 17.3554)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9059
RGB	91, 144, 89
RGB Percent	36%, 56%, 35%
CMY	0.6431, 0.4353, 0.6510
CMYK	0.37, 0.00, 0.38, 0.44
HSL	118°, 24%, 46%
HSV	118°, 38%, 56%
XYZ	16.0908, 22.8919, 13.0217
YIQ	121.8830, -13.9330, -28.3410

Conversions

Conversions Part 2

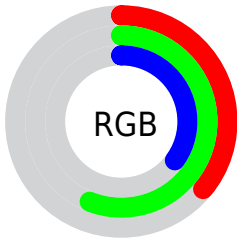
Format	Color
R_{YB}	89, 144, 142
Decimal	6000729
CIE _{Lab}	54.96, -29.27, 23.81
CIE _{LCh}	55, 37.730, 140.872
Yxy	22.8929, 0.3094, 0.4402
Android (android.graphics.Color)	4284190809 (0xFF5B9059)
YUV	121.8830, -16.2113, -27.0844
Hunter-Lab	47.8455, -23.6987, 17.3554

Details

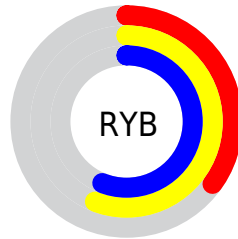
The HunterLab color $47.8455, -23.6987, 17.3554$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $38.6133, 23.7854, -16.3066$, and the grayscale version is $44.1358, -2.3550, 2.3980$.

A 20% lighter version of the original color is $69.3695, -28.1050, 21.0472$, and $29.0986, -18.7375, 13.1392$ is the 20% darker color. If you saturate the color by 10%, you get $46.9392, -27.7612, 20.1197$, and if you desaturate by 10%, it is $48.9189, -19.0033, 14.1300$.

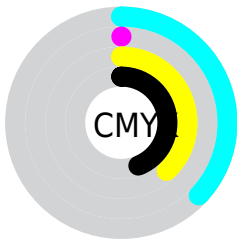
Distribution



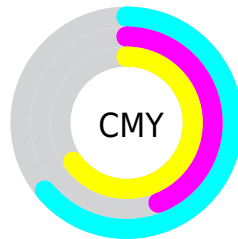
- Red (36%)
- Green (56%)
- Blue (35%)



- Red (35%)
- Yellow (56%)
- Blue (56%)



- Cyan (37%)
- Magenta (0%)
- Yellow (38%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8455, -23.6987, 17.3554 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 47.8455, -23.6987, 17.3554 by changing the saturation by 10% instead.

■ 47.8455, -23.6987,
17.3554

■ 47.8455, -23.6987,
17.3554

163.4547,
-42.3664, 33.7932

■ 38.0978, -21.3169,
15.2877

■ 69.4387, -28.1713,
21.2538

■ 29.1193, -18.7886,
13.1000

■ 81.1987, -30.3048,
23.1217

■ 20.9837, -16.0526,
10.7431

■ 93.5564, -32.3896,
24.9525

■ 13.7896, -13.0000,
9.0556

■ 106.4843,
-34.4357, 26.7547

■ 7.4115, -12.9702,
5.1881

■ 119.9583,
-36.4509, 28.5352

0.0000, NaN, NaN

133.9570,

0.0000, NaN, NaN

-38.4413, 30.2991

0.0000, NaN, NaN

148.4615,
-40.4118, 32.0507

0.0000, NaN, NaN

■ 47.8455, -23.6987,
17.3554

■ 47.8455, -23.6987,
17.3554

■ 46.9392, -27.7612,
20.1197

■ 48.9189, -19.0033,
14.1300

■ 46.1960, -31.1510,
22.3979

■ 50.1551, -13.7234,
10.4766

■ 45.6128, -33.8502,
24.1807

■ 51.5514, -7.9196,
6.4367

■ 45.1824, -35.8635,
25.4757

■ 53.1029, -1.6559,
2.0551

■ 44.8933, -37.2225,
26.3110

■ 54.8034, 5.0034,
-2.6230

■ 44.7248, -38.0190,
26.7946

■ 56.6456, 11.9971,
-7.5537

■ 44.7003, -38.1363,
26.8765

■ 58.6221, 19.2685,
-12.6964

■ 60.7253, 26.7672,
-18.0146

■ 62.9473, 34.4491,
-23.4761

Harmonies

Analogous

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



47.8465, -12.7944, 22.3505



47.8455, -23.6987, 17.3554



47.8465, -28.7492, 6.9198

Triad

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



47.8465, -23.6996, 17.3558



47.8465, -7.2286, -35.0718



47.8465, 28.8723, 11.7077

Complementary

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



47.8455, -23.6987, 17.3554



38.6133, 23.7854, -16.3066

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.



47.8465, 30.8624, -2.1545



47.8455, -23.6987, 17.3554



47.8465, 8.6240, -32.5290

Square

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



47.8465, -23.6996, 17.3558



47.8465, -20.0750, -25.2885



47.8465, 23.0481, -19.1657



47.8465, 17.9153, 19.8916

Rectangle

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



47.8455, -23.6987, 17.3554



47.8465, -28.6267, -3.1047



47.8465, 23.0481, -19.1657



47.8465, 30.6629, 7.6866

Sweetspot

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



47.8465, -23.6996, 17.3558



67.8782, -12.9221, 10.2251



50.7694, -8.4463, 20.0982



32.3975, -6.6342, 5.2073



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.



47.8465, -23.6996, 17.3558



62.4759, -36.2411, 26.2953



48.2500, -21.1139, 9.8904



24.5726, -4.0669, 3.2731



41.7151, -35.5754, 25.0819



4.0971, -3.4007, 2.4651

Inverse Universe

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



38.6133, 23.7854, -16.3066



47.7892, 39.7172, -27.5949



37.9639, 20.1691, -3.6348



23.4546, 1.6274, -0.7588



25.5307, 50.5901, -36.7422



2.5365, 5.0047, -3.4844

Previews

White Background



This preview shows how the HunterLab color 47.8455, -23.6987, 17.3554 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 47.8455, -23.6987, 17.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

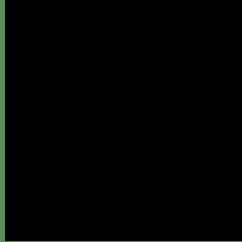
Any Text WCAG AA ✓ Pass

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 47.8455, -23.6987, 17.3554 Background



This preview shows how black text looks on a background with the HunterLab color 47.8455, -23.6987, 17.3554.



This preview shows how white text looks on a background with the HunterLab color 47.8455,

-23.6987, 17.3554.

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

47.8455, -23.6987, 17.3554

Protanopia

47.6575, -4.5798, 18.8513

Deuteranopia

47.4610, 3.5199, 16.3699



Tritanopia

47.8061, -9.8411, -5.4616

Trichromacy



Original Color

47.8455, -23.6987, 17.3554

Protanomaly

47.5029, -12.5009, 18.0635

Deuteranomaly

47.0965, -7.7587, 16.1381

Tritanomaly

47.8384, -15.6363, 4.3190

Monochromacy



Original Color

47.8455, -23.6987, 17.3554

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.2444, -10.7173, 8.3604

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8455, -23.6987, 17.3554 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(91, 144, 89)` looks like.

```
.text, #text, p{  
    color:rgb(91, 144, 89)  
}
```

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(91, 144, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 144, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8455, -23.6987, 17.3554 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(91, 144, 89) }
```


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

```
.border{ border-color:rgb(91, 144, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 144, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 144, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 144, 89);  
box-shadow:4px 4px 4px 4px rgb(91, 144,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8455, -23.6987, 17.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 144, 89) }
```

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

```
.background{ background-color: rgb(91, 144,  
89) }
```

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