

Converting Colors

HunterLab(51.7485, -23.1899,
29.1393)

Have a look what the booklet for
HunterLab(51.7485, -23.1899,
29.1393) contains.

HunterLab(51.6475, -23.0012, 29.1177)	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(51.6475,
-23.0012, 29.1177)**

Conversions

Conversions Part 1

Format	Color
Hex	799828
RGB	121, 152, 40
RGB Percent	47%, 60%, 16%
CMY	0.5255, 0.4039, 0.8431
CMYK	0.20, 0.00, 0.74, 0.40
HSL	77°, 58%, 38%
HSV	77°, 74%, 60%
XYZ	19.4964, 26.6746, 6.1287
YIQ	129.9630, 17.4760, -41.4040

Conversions

Conversions Part 2

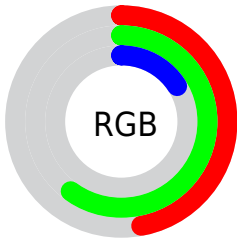
Format	Color
RYB	40, 152, 71
Decimal	7968808
CIELab	58.67, -26.99, 52.10
CIELCh	59, 58.671, 117.384
Yxy	26.6758, 0.3728, 0.5100
Android (android.graphics.Color)	4286158888 (0xFF799828)
YUV	129.9630, -44.3518, -7.8606
Hunter-Lab	51.6475, -23.0012, 29.1177

Details

The HunterLab color $51.6475, -23.0012, 29.1177$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $22.6383, 31.5511, -63.3020$, and the grayscale version is $47.3976, -2.5290, 2.5752$.

A 20% lighter version of the original color is $73.5955, -27.0420, 36.5329$, and $32.4597, -18.1039, 19.6846$ is the 20% darker color. If you saturate the color by 10%, you get $51.2782, -24.6058, 30.1160$, and if you desaturate by 10%, it is $52.0683, -21.1464, 27.5689$.

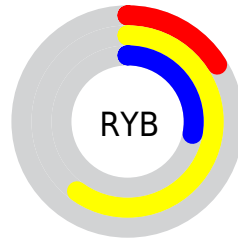
Distribution



Red (47%)

Green (60%)

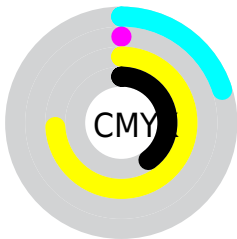
Blue (16%)



Red (16%)

Yellow (60%)

Blue (28%)

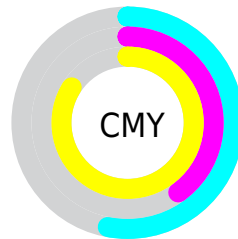


Cyan (20%)

Magenta (0%)

Yellow (74%)

Black (40%)



Cyan (53%)

Magenta (40%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6475, -23.0012, 29.1177 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 51.6475, -23.0012, 29.1177 by changing the saturation by 10% instead.

■ 51.6475, -23.0012,
29.1177

■ 51.6475, -23.0012,
29.1177

169.1402,
-40.5353, 58.9593

■ 41.6292, -20.8133,
25.0760

■ 73.7314, -27.1500,
36.5901

■ 32.3574, -18.5102,
20.7803

■ 85.7167, -29.1432,
40.0849

■ 23.8991, -16.0463,
16.7294

■ 98.2891, -31.0984,
43.4529

■ 16.3419, -13.3429,
11.4393

■ 111.4223,
-33.0237, 46.7134

■ 9.8095, -12.5477,
6.8667

■ 125.0933,
-34.9255, 49.8823

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.2819,

-36.8088, 52.9727

0.0000, NaN, NaN

153.9696,
-38.6776, 55.9954

0.0000, NaN, NaN

■ 51.6475, -23.0012,
29.1177

■ 51.6475, -23.0012,
29.1177

■ 51.2782, -24.6058,
30.1160

■ 52.0683, -21.1464,
27.5689

■ 50.9528, -25.9757,
30.6212

■ 52.5402, -19.0248,
25.4273

■ 50.7621, -26.7692,
30.8107

■ 53.0666, -16.6309,
22.6645

■ 53.6492, -13.9621,
19.2625

■ 54.2890, -11.0196,
15.2126

■ 54.9869, -7.8078,
10.5136

■ 55.7431, -4.3335,
5.1714

■ 56.5576, -0.6058,
-0.8025

■ 57.4300, 3.3647,
-7.3916

Harmonies

Analogous

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



51.6487, -0.5532, 30.7636



51.6475, -23.0012, 29.1177



51.6487, -37.2407, 21.8404

Triad

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



51.6487, -23.0026, 29.1180



51.6487, -26.1326, -52.2073



51.6487, 54.3559, 0.6872

Complementary

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



51.6475, -23.0012, 29.1177



22.6383, 31.5511, -63.3020

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.



51.6487, 44.1176, -28.2879



51.6475, -23.0012, 29.1177



51.6487, -4.9277, -66.6002

Square

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



51.6487, -23.0026, 29.1180



51.6487, -38.7924, -22.8565



51.6487, 21.1811, -56.2520



51.6487, 47.0491, 19.6901

Rectangle

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



51.6475, -23.0012, 29.1177



51.6487, -41.6955, 11.8096



51.6487, 21.1811, -56.2520



51.6487, 52.8145, -8.1688

Sweetspot

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



51.6487, -23.0026, 29.1180



72.2369, -14.1244, 19.4748



33.4562, 24.2281, 17.4814



34.3344, -7.2136, 9.9667



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.6487, -23.0026, 29.1180



67.8575, -33.8219, 40.4870



48.7585, -34.5582, 26.9982



26.7150, -3.0393, 3.9671



46.4980, -24.4439, 28.2239



5.8395, -2.3887, 3.5565

Inverse Universe

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



22.6383, 31.5511, -63.3020



24.4773, 51.5943, -111.0212



28.6545, 43.3694, -43.0526



24.7082, 0.3740, -1.3951



15.2603, 38.5894, -86.6940



2.2626, 5.1307, -8.2737

Previews

White Background



This preview shows how the HunterLab color 51.6475, -23.0012, 29.1177 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 51.6475, -23.0012, 29.1177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

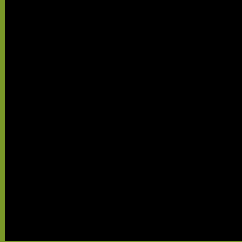
Any Text WCAG AA ✓ Pass

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 51.6475, -23.0012, 29.1177 Background



This preview shows how black text looks on a background with the HunterLab color 51.6475, -23.0012, 29.1177.



This preview shows how white text looks on a background with the HunterLab color 51.6475, -23.0012, 29.1177.

-23.0012, 29.1177.

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

51.6475, -23.0012, 29.1177

Protanopia

51.4319, -6.8523, 29.5545

Deuteranopia

51.4641, 3.3868, 28.6730



Tritanopia

51.6066, -3.5094, -2.8855

Trichromacy



Original Color

51.6475, -23.0012, 29.1177

Protanomaly

51.3911, -12.9915, 29.3240

Deuteranomaly

51.2831, -7.2887, 28.7179

Tritanomaly

51.3758, -12.5788, 13.7467

Monochromacy



Original Color

51.6475, -23.0012, 29.1177

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.5305, -11.3716, 15.8886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6475, -23.0012, 29.1177 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(121, 152, 40)` looks like.

```
.text, #text, p{  
    color:rgb(121, 152, 40)  
}
```

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(121, 152, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 152, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6475, -23.0012, 29.1177 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(121, 152, 40) }
```


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

```
.border{ border-color:rgb(121, 152, 40) }
```

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

Here you see how a box with a 4 pixel rgb(121, 152, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 152, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 152, 40);  
box-shadow:4px 4px 4px 4px rgb(121, 152,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6475, -23.0012, 29.1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 152, 40) }
```

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

```
.background{ background-color: rgb(121,  
152, 40) }
```

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