

Converting Colors

HunterLab(49.4735, -23.4278,
20.4730)

Have a look what the booklet for
HunterLab(49.4735, -23.4278,
20.4730) contains.

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Color

**HunterLab(49.6123,
-23.5259, 20.6192)**

Conversions

Conversions Part 1

Format	Color
Hex	669452
RGB	102, 148, 82
RGB Percent	40%, 58%, 32%
CMY	0.6000, 0.4196, 0.6784
CMYK	0.31, 0.00, 0.45, 0.42
HSL	102°, 29%, 45%
HSV	102°, 45%, 58%
XYZ	17.5924, 24.6138, 11.8064
YIQ	126.7220, -6.2300, -30.2780

Conversions

Conversions Part 2

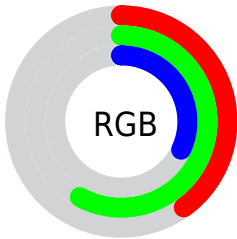
Format	Color
RYB	82, 148, 128
Decimal	6722642
CIELab	56.70, -28.40, 29.97
CIElCh	57, 41.291, 133.463
Yxy	24.6149, 0.3257, 0.4557
Android (android.graphics.Color)	4284912722 (0xFF669452)
YUV	126.7220, -22.0479, -21.6812
Hunter-Lab	49.6123, -23.5259, 20.6192

Details

The HunterLab color $49.6123, -23.5259, 20.6192$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $35.7249, 23.7504, -24.0707$, and the grayscale version is $46.0459, -2.4569, 2.5018$.

A 20% lighter version of the original color is $71.3271, -27.7159, 25.3204$, and $30.6607, -18.7591, 15.4897$ is the 20% darker color. If you saturate the color by 10%, you get $48.8340, -27.0058, 23.1328$, and if you desaturate by 10%, it is $50.5032, -19.5962, 17.5566$.

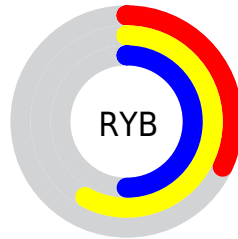
Distribution



Red (40%)

Green (58%)

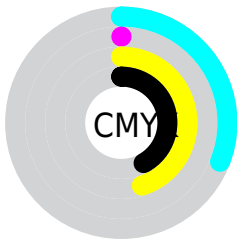
Blue (32%)



Red (32%)

Yellow (58%)

Blue (50%)

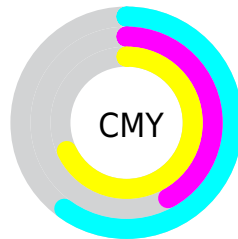


Cyan (31%)

Magenta (0%)

Yellow (45%)

Black (42%)



Cyan (60%)

Magenta (42%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6123, -23.5259, 20.6192 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 49.6123, -23.5259, 20.6192 by changing the saturation by 10% instead.

■ 49.6123, -23.5259,
20.6192

■ 49.6123, -23.5259,
20.6192

166.1067,
-41.7457, 39.8700

■ 39.7371, -21.2232,
18.1304

■ 71.4365, -27.8682,
25.2708

■ 30.6201, -18.7881,
15.4847

■ 83.3024, -29.9459,
27.4798

■ 22.3320, -16.1665,
12.6276

■ 95.7610, -31.9795,
29.6324

■ 14.9658, -13.2643,
10.4760

■ 108.7854,
-33.9781, 31.7399

■ 8.6112, -14.8326,
6.0279

■ 122.3519,
-35.9489, 33.8111

0.0000, NaN, NaN

0.0000, NaN, NaN

136.4397,

-37.8976, 35.8530

0.0000, NaN, NaN

151.0303,
-39.8286, 37.8711

0.0000, NaN, NaN

■ 49.6123, -23.5259,
20.6192

■ 49.6123, -23.5259,
20.6192

■ 48.8340, -27.0058,
23.1328

■ 50.5032, -19.5962,
17.5566

■ 48.1644, -30.0148,
25.0954

■ 51.5031, -15.2385,
13.9556

■ 47.6023, -32.5455,
26.5204


■ 52.6117, -10.4843,
9.8374


■ 47.1441, -34.6007,
27.4379


■ 53.8267, -5.3670,
5.2295


■ 46.7838, -36.1991,
27.9031


■ 55.1453, 0.0783,
0.1636

 46.6210, -36.9215,
28.0813

 56.5641, 5.8160,
-5.3257

 58.0794, 11.8117,
-11.2028

 59.6871, 18.0328,
-17.4320

 61.3831, 24.4489,
-23.9791

Harmonies

Analogous

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



49.6134, -10.1615, 24.6750



49.6123, -23.5259, 20.6192



49.6134, -30.6884, 10.8918

Triad

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



49.6134, -23.5269, 20.6196



49.6134, -11.7702, -38.2345



49.6134, 34.0343, 9.5192

Complementary

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



49.6123, -23.5259, 20.6192



35.7249, 23.7504, -24.0707

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.



49.6134, 33.4472, -7.1802



49.6123, -23.5259, 20.6192



49.6134, 5.3371, -38.9980

Square

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



49.6134, -23.5269, 20.6196



49.6134, -24.5650, -24.3799



49.6134, 22.3766, -26.2049



49.6134, 23.8849, 19.9130

Rectangle

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



49.6123, -23.5259, 20.6192



49.6134, -31.6866, 0.7503



49.6134, 22.3766, -26.2049



49.6134, 35.1239, 4.5748

Sweetspot

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



49.6134, -23.5269, 20.6196



70.0912, -13.0457, 12.2866



47.0221, -1.2836, 18.8865



33.3374, -6.8749, 6.4384



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



49.6134, -23.5269, 20.6196



64.8196, -36.0794, 30.8699



48.7696, -26.4372, 16.6855



25.5902, -3.7327, 3.5615



43.1015, -34.0592, 25.9627



4.9129, -3.1695, 2.9718

Inverse Universe

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



35.7249, 23.7504, -24.0707



42.6816, 39.9309, -41.6715



37.5578, 27.7485, -13.0846



24.1286, 1.1708, -1.0093



20.7650, 44.3555, -54.7581



2.6121, 5.3290, -4.9456

Previews

White Background



This preview shows how the HunterLab color 49.6123, -23.5259, 20.6192 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 49.6123, -23.5259, 20.6192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

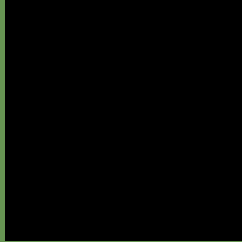
Any Text WCAG AA ✓ Pass

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 49.6123, -23.5259, 20.6192 Background



This preview shows how black text looks on a background with the HunterLab color 49.6123, -23.5259, 20.6192.



This preview shows how white text looks on a background with the HunterLab color 49.6123, -23.5259, 20.6192.

-23.5259, 20.6192.

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

49.6123, -23.5259, 20.6192

Protanopia

49.5315, -5.4579, 22.0211

Deuteranopia

49.1517, 3.4464, 19.7273



Tritanopia

49.4987, -8.1022, -4.7106

Trichromacy



Original Color

49.6123, -23.5259, 20.6192

Protanomaly

49.2201, -12.4975, 21.1999

Deuteranomaly

48.9151, -7.4057, 19.5945

Tritanomaly

49.3989, -14.5585, 6.4936

Monochromacy



Original Color

49.6123, -23.5259, 20.6192

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.2517, -10.8984, 10.0551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6123, -23.5259, 20.6192 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(102, 148, 82)` looks like.

```
.text, #text, p{  
    color:rgb(102, 148, 82)  
}
```

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(102, 148, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 148, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6123, -23.5259, 20.6192 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(102, 148, 82) }
```


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

```
.border{ border-color:rgb(102, 148, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 148, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 148, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 148, 82);  
box-shadow:4px 4px 4px 4px rgb(102, 148,  
82) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6123, -23.5259, 20.6192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 148, 82) }
```

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

```
.background{ background-color: rgb(102,  
148, 82) }
```

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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