

Converting Colors

HunterLab(40.9001, -18.6338,
12.5483)

Have a look what the booklet for
HunterLab(40.9001, -18.6338,
12.5483) contains.

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Color

**HunterLab(40.9593,
-18.7049, 12.4709)**

Conversions

Conversions Part 1

Format	Color
Hex	507C55
RGB	80, 124, 85
RGB Percent	31%, 49%, 33%
CMY	0.6863, 0.5137, 0.6667
CMYK	0.35, 0.00, 0.31, 0.51
HSL	127°, 22%, 40%
HSV	127°, 35%, 49%
XYZ	12.1556, 16.7766, 11.1919
YIQ	106.3980, -13.7050, -21.4570

Conversions

Conversions Part 2

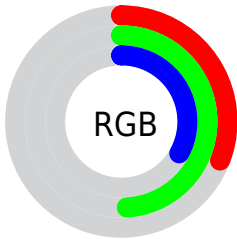
Format	Color
R_{YB}	80, 120, 124
Decimal	5274709
CIE Lab	47.98, -23.85, 16.62
CIE LCh	48, 29.072, 145.133
Yxy	16.7773, 0.3029, 0.4181
Android (android.graphics.Color)	4283464789 (0xFF507C55)
YUV	106.3980, -10.5492, -23.1510
Hunter-Lab	40.9593, -18.7049, 12.4709

Details

The HunterLab color $40.9593, -18.7049, 12.4709$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $33.6966, 17.9003, -9.6325$, and the grayscale version is $38.1586, -2.0360, 2.0732$.

A 20% lighter version of the original color is $61.6594, -22.6326, 15.5572$, and $23.4216, -14.4818, 9.3198$ is the 20% darker color. If you saturate the color by 10%, you get $40.1561, -22.2635, 14.7861$, and if you desaturate by 10%, it is $41.9003, -14.6522, 9.9058$.

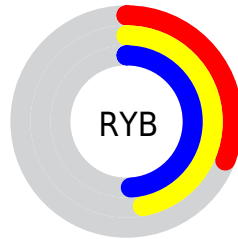
Distribution



Red (31%)

Green (49%)

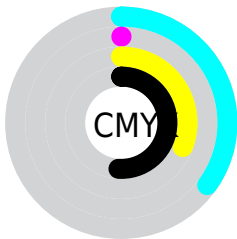
Blue (33%)



Red (31%)

Yellow (47%)

Blue (49%)

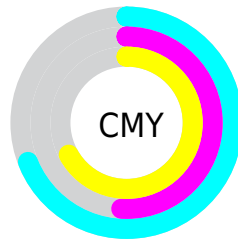


Cyan (35%)

Magenta (0%)

Yellow (31%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9593, -18.7049, 12.4709 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 40.9593, -18.7049, 12.4709 by changing the saturation by 10% instead.

40.9593, -18.7049,
12.4709

40.9593, -18.7049,
12.4709

152.9333,
-35.1502, 25.7300

31.7425, -16.6189,
10.8624

61.5975, -22.6183,
15.5346

23.3437, -14.3952,
9.1667

72.9213, -24.4885,
17.0200

15.8531, -11.9641,
7.3358

84.8647, -26.3197,
18.4875

9.3981, -11.5616,
6.5787

97.3971, -28.1212,
19.9433

0.0000, NaN, NaN

0.0000, NaN, NaN

110.4921,
-29.9002, 21.3922

0.0000, NaN, NaN

124.1265,

0.0000, NaN, NaN

-31.6620, 22.8379

0.0000, NaN, NaN

138.2797,
-33.4108, 24.2831

■ 40.9593, -18.7049,
12.4709

■ 40.9593, -18.7049,
12.4709

■ 40.1561, -22.2635,
14.7861

■ 41.9003, -14.6522,
9.9058

■ 39.4879, -25.2913,
16.8244

■ 42.9748, -10.1470,
7.1189

■ 38.9531, -27.7676,
18.5665

■ 44.1806, -5.2395,
4.1418

■ 38.5466, -29.6879,
20.0005

■ 45.5131, 0.0189,
1.0054

■ 38.2603, -31.0676,
21.1237

■ 46.9671, 5.5772,
-2.2608

■ 38.0779, -31.9654,
21.9407

■ 48.5367, 11.3877,
-5.6298

■ 38.0104, -32.2938,
22.2033

■ 50.2159, 17.4063,
-9.0778

■ 51.9983, 23.5943,
-12.5841

■ 53.8776, 29.9180,
-16.1318

Harmonies

Analogous

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



40.9602, -11.1106, 17.0003



40.9593, -18.7049, 12.4709



40.9602, -21.8669, 3.9640

Triad

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



40.9602, -18.7056, 12.4713



40.9602, -4.0358, -24.5517



40.9602, 19.6691, 10.1524

Complementary

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



40.9593, -18.7049, 12.4709



33.6966, 17.9003, -9.6325

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.



40.9602, 22.0920, 0.4158



40.9593, -18.7049, 12.4709



40.9602, 7.5711, -21.5737

Square

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



40.9602, -18.7056, 12.4713



40.9602, -14.0100, -18.9012



40.9602, 17.4497, -11.6137



40.9602, 11.1490, 15.9415

Rectangle

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



40.9593, -18.7049, 12.4709



40.9602, -21.3179, -3.6127



40.9602, 17.4497, -11.6137



40.9602, 21.2606, 7.3207

Sweetspot

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



40.9602, -18.7056, 12.4713



57.6621, -10.7718, 7.8037



43.5429, -9.1885, 16.3358



27.9002, -5.5676, 3.9939



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.9602, -18.7056, 12.4713



53.4133, -28.8851, 19.1867



41.4372, -15.9171, 5.5872



21.1109, -3.3957, 2.5220



38.3234, -32.5619, 22.3908



83.6606, -71.3669, 49.4923

Inverse Universe

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



33.6966, 17.9003, -9.6325



41.7302, 30.2763, -16.4511



33.0106, 14.5119, 0.0176



20.1744, 1.2880, -0.3162



23.4487, 45.0275, -22.6064



51.1355, 98.0699, -48.3429

Previews

White Background



This preview shows how the HunterLab color 40.9593, -18.7049, 12.4709 looks on a white 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

Black Background



This preview shows how the HunterLab color 40.9593, -18.7049, 12.4709 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.9593, -18.7049, 12.4709 Background



This preview shows how black text looks on a background with the HunterLab color 40.9593, -18.7049, 12.4709.



This preview shows how white text looks on a background with the HunterLab color 40.9593,

-18.7049, 12.4709.

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

40.9593, -18.7049, 12.4709

Protanopia

40.6534, -3.6172, 13.9185

Deuteranopia

40.7779, 2.6290, 11.7494



Tritanopia

41.0206, -8.6130, -4.3916

Trichromacy



Original Color

40.9593, -18.7049, 12.4709

Protanomaly

40.5679, -9.6237, 13.1627

Deuteranomaly

40.3735, -5.7631, 11.5355

Tritanomaly

40.9584, -12.8068, 2.8241

Monochromacy



Original Color

40.9593, -18.7049, 12.4709

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

39.0301, -8.6679, 6.3450

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9593, -18.7049, 12.4709 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(80, 124, 85)` looks like.

```
.text, #text, p{  
    color:rgb(80, 124, 85)  
}
```

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(80, 124, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 124, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9593, -18.7049, 12.4709 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(80, 124, 85) }
```


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

```
.border{ border-color:rgb(80, 124, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 124, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 124, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 124, 85);  
box-shadow:4px 4px 4px 4px rgb(80, 124,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9593, -18.7049, 12.4709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 124, 85) }
```

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

```
.background{ background-color: rgb(80, 124,  
85) }
```

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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