

Converting Colors

HunterLab(40.4636, -23.0738,
17.7147)

Have a look what the booklet for
HunterLab(40.4636, -23.0738,
17.7147) contains.

HunterLab(40.4545, -23.0125, 17.6329)	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(40.4545,
-23.0125, 17.6329)**

Conversions

Conversions Part 1

Format	Color
Hex	477D3F
RGB	71, 125, 63
RGB Percent	28%, 49%, 25%
CMY	0.7216, 0.5098, 0.7529
CMYK	0.43, 0.00, 0.50, 0.51
HSL	112°, 33%, 37%
HSV	112°, 50%, 49%
XYZ	10.8293, 16.3657, 7.2907
YIQ	101.7860, -12.2820, -30.7300

Conversions

Conversions Part 2

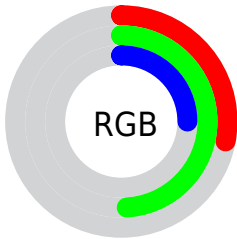
Format	Color
RYB	63, 125, 117
Decimal	4685119
CIELab	47.45, -31.10, 28.18
CIELCh	47, 41.970, 137.816
Yxy	16.3664, 0.3140, 0.4746
Android (android.graphics.Color)	4282875199 (0xFF477D3F)
YUV	101.7860, -19.1215, -26.9993
Hunter-Lab	40.4545, -23.0125, 17.6329

Details

The HunterLab color $[40.4545, -23.0125, 17.6329]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[29.6953, 25.0714, -20.0031]$, and the grayscale version is $[36.4442, -1.9446, 1.9801]$.

A 20% lighter version of the original color is $[61.0095, -27.7315, 22.2111]$, and $[22.8062, -17.4736, 12.3685]$ is the 20% darker color. If you saturate the color by 10%, you get $[39.8330, -25.8330, 19.5162]$, and if you desaturate by 10%, it is $[41.1966, -19.7047, 15.3299]$.

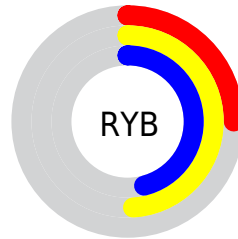
Distribution



Red (28%)

Green (49%)

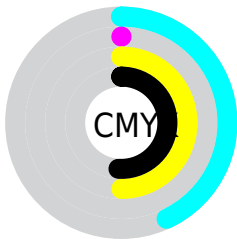
Blue (25%)



Red (25%)

Yellow (49%)

Blue (46%)

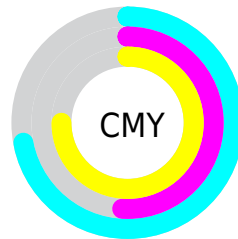


Cyan (43%)

Magenta (0%)

Yellow (50%)

Black (51%)



Cyan (72%)

Magenta (51%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4545, -23.0125, 17.6329 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 40.4545, -23.0125, 17.6329 by changing the saturation by 10% instead.

40.4545, -23.0125,
17.6329

40.4545, -23.0125,
17.6329

152.1492,
-42.8528, 36.4462

31.2790, -20.3903,
15.1404

61.0189, -27.8561,
22.2313

22.9256, -17.5609,
12.4554

72.3090, -30.1397,
24.3968

15.4859, -14.4244,
10.3301

84.2206, -32.3583,
26.4995

9.0826, -15.4056,
6.3578

96.7227, -34.5255,
28.5528

0.0000, NaN, NaN

0.0000, NaN, NaN

109.7887,
-36.6513, 30.5670

0.0000, NaN, NaN

123.3952,

0.0000, NaN, NaN

-38.7439, 32.5500

0.0000, NaN, NaN

137.5215,
-40.8093, 34.5080

■ 40.4545, -23.0125,
17.6329

■ 40.4545, -23.0125,
17.6329

■ 39.8330, -25.8330,
19.5162

■ 41.1966, -19.7047,
15.3299

■ 39.3273, -28.1490,
20.9759

■ 42.0570, -15.9335,
12.6202

■ 38.9342, -29.9600,
22.0225


■ 43.0356, -11.7341,
9.5265

■ 38.6473, -31.2810,
22.6825

■ 44.1301, -7.1464,
6.0770


■ 38.4501, -32.1910,
23.1071


■ 45.3370, -2.2129,
2.3037

 38.4436, -32.2215,
23.1247

 46.6524, 3.0234,
-1.7597

 48.0717, 8.5207,
-6.0796

 49.5900, 14.2398,
-10.6236

 51.2021, 20.1452,
-15.3616

Harmonies

Analogous

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



40.4554, -11.3818, 21.6393



40.4545, -23.0125, 17.6329



40.4554, -28.6458, 8.0461

Triad

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



40.4554, -23.0132, 17.6332



40.4554, -8.6158, -39.5744



40.4554, 32.5309, 10.3616

Complementary

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



40.4545, -23.0125, 17.6329



29.6953, 25.0714, -20.0031

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.



40.4554, 33.5901, -4.6691



40.4545, -23.0125, 17.6329



40.4554, 7.9682, -38.1393

Square

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



40.4554, -23.0132, 17.6332



40.4554, -21.2678, -27.0027



40.4554, 24.0165, -23.6288



40.4554, 21.3193, 18.7434

Rectangle

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



40.4545, -23.0125, 17.6329



40.4554, -28.9472, -2.1027



40.4554, 24.0165, -23.6288



40.4554, 34.1441, 6.0803

Sweetspot

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



40.4554, -23.0132, 17.6332



58.1905, -13.1612, 10.8479



41.6895, -5.7963, 18.8991



27.6347, -6.7743, 5.5465



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.



40.4554, -23.0132, 17.6332



53.1661, -35.1937, 26.5200



40.4874, -22.1228, 11.7498



22.0075, -3.4444, 2.9395



39.2713, -32.9281, 23.6223

0.0000, NaN, NaN

Inverse Universe

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



29.6953, 25.0714, -20.0031



36.0588, 41.9296, -34.1755



29.7993, 23.6078, -6.3743



20.9408, 1.2456, -0.7024



22.1996, 44.9786, -39.6162

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.4545, -23.0125, 17.6329 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 40.4545, -23.0125, 17.6329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

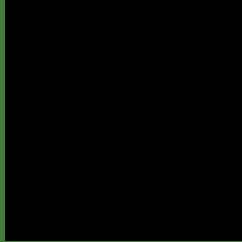
Any Text WCAG AA × Fail

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 40.4545, -23.0125, 17.6329 Background



This preview shows how black text looks on a background with the HunterLab color 40.4545, -23.0125, 17.6329.



This preview shows how white text looks on a background with the HunterLab color 40.4545,

-23.0125, 17.6329.

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

40.4545, -23.0125, 17.6329

Protanopia

40.2358, -4.3298, 18.6202

Deuteranopia

40.2082, 2.6833, 16.7589



Tritanopia

40.4081, -9.4159, -4.7266

Trichromacy



Original Color

40.4545, -23.0125, 17.6329

Protanomaly

40.0650, -12.1839, 18.1483

Deuteranomaly

39.8406, -8.4173, 16.7318

Tritanomaly

40.4184, -15.2612, 5.4268

Monochromacy



Original Color

40.4545, -23.0125, 17.6329

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.5241, -10.2404, 8.3551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4545, -23.0125, 17.6329 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(71, 125, 63)` looks like.

```
.text, #text, p{  
    color:rgb(71, 125, 63)  
}
```

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(71, 125, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 125, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4545, -23.0125, 17.6329 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(71, 125, 63) }
```


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

```
.border{ border-color:rgb(71, 125, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 125, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 125, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 125, 63);  
box-shadow:4px 4px 4px 4px rgb(71, 125,  
63) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4545, -23.0125, 17.6329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 125, 63) }
```

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

```
.background{ background-color: rgb(71, 125,  
63) }
```

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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