

Converting Colors

HunterLab(40.9523, -19.0469,
23.2048)

Have a look what the booklet for
HunterLab(40.9523, -19.0469,
23.2048) contains.

HunterLab(40.8504, -18.9478, 23.1530)	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(40.8504,
-18.9478, 23.1530)**

Conversions

Conversions Part 1	
Format	Color
Hex	5F7B1D
RGB	95, 123, 29
RGB Percent	37%, 48%, 11%
CMY	0.6275, 0.5176, 0.8863
CMYK	0.23, 0.00, 0.76, 0.52
HSL	78°, 62%, 30%
HSV	78°, 76%, 48%
XYZ	12.0241, 16.6876, 3.7497
YIQ	103.9120, 13.4860, -35.1700

Conversions

Conversions Part 2

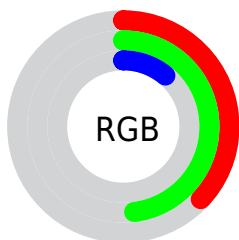
Format	Color
RYB	29, 123, 57
Decimal	6257437
CIELab	47.86, -24.28, 45.04
CIELCh	48, 51.166, 118.324
Yxy	16.6883, 0.3704, 0.5141
Android (android.graphics.Color)	4284447517 (0xFF5F7B1D)
YUV	103.9120, -36.9316, -7.8158
Hunter-Lab	40.8504, -18.9478, 23.1530

Details

The HunterLab color **40.8504, -18.9478, 23.1530** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **17.8301, 25.8865, -50.8755**, and the grayscale version is **37.3056, -1.9905, 2.0269**.

A 20% lighter version of the original color is **61.5839, -23.1765, 30.2352**, and **23.3569, -13.8899, 14.1492** is the 20% darker color. If you saturate the color by 10%, you get **40.5555, -20.2253, 23.8784**, and if you desaturate by 10%, it is **41.1858, -17.4756, 22.0124**.

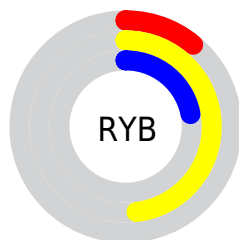
Distribution



Red (37%)

Green (48%)

Blue (11%)



Red (11%)

Yellow (48%)

Blue (22%)

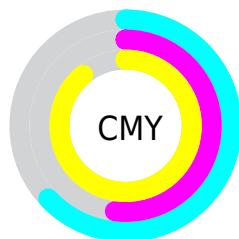


Cyan (23%)

Magenta (0%)

Yellow (76%)

Black (52%)



Cyan (63%)


Magenta (52%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 40.8504, -18.9478, 23.1530 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 40.8504, -18.9478, 23.1530 by changing the saturation by 10% instead.


 40.8504, -18.9478,
23.1530


 40.8504, -18.9478,
23.1530


152.7644,
-35.5915, 50.5013


 31.6425, -16.8305,
19.3593


 61.4728, -22.9162,
30.0787


 23.2535, -14.5708,
15.7423

 72.7893, -24.8104,
33.2897

 15.7738, -12.0974,
11.0417


 84.7259, -26.6642,
36.3727

 9.3311, -11.8352,
6.5318

 97.2518, -28.4871,
39.3498

0.0000, NaN, NaN

0.0000, NaN, NaN

 110.3406,
-30.2862, 42.2385


0.0000, NaN, NaN


 123.9689,


0.0000, NaN, NaN


-32.0672, 45.0528


0.0000, NaN, NaN


 138.1164,
-33.8345, 47.8040


 40.8504, -18.9478,
23.1530


 40.8504, -18.9478,
23.1530


 40.5555, -20.2253,
23.8784


 41.1858, -17.4756,
22.0124


 40.2927, -21.3343,
24.2686

 41.5612, -15.7961,
20.4237

 40.2023, -21.7165,
24.3923

 41.9793, -13.9051,
18.3652

 42.4414, -11.8008,
15.8226

 42.9483, -9.4844,
12.7890

■ 43.5006, -6.9591,
9.2631

■ 44.0984, -4.2305,
5.2489

■ 44.7417, -1.3057,
0.7549

■ 45.4302, 1.8071,
-4.2068

Harmonies

Analogous

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



40.8513, -1.0456, 24.5457



40.8504, -18.9478, 23.1530



40.8513, -30.1435, 17.2013

Triad

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



40.8513, -18.9489, 23.1532



40.8513, -20.5595, -43.0673



40.8513, 44.0702, 1.1339

Complementary

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



40.8504, -18.9478, 23.1530



17.8301, 25.8865, -50.8755

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.



40.8513, 36.1849, -22.1751



40.8504, -18.9478, 23.1530



40.8513, -3.3059, -54.2358

Square

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



40.8513, -18.9489, 23.1532



40.8513, -30.9392, -19.3477



40.8513, 17.8192, -45.1812



40.8513, 37.7079, 16.1036

Rectangle

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



40.8504, -18.9478, 23.1530



40.8513, -33.5581, 8.9859



40.8513, 17.8192, -45.1812



40.8513, 42.9725, -5.9379

Sweetspot

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



40.8513, -18.9489, 23.1532



57.6762, -11.7549, 15.8336



26.6330, 18.9885, 14.1553



27.8840, -6.1902, 8.3472



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.



40.8513, -18.9489, 23.1532



53.9925, -28.2323, 32.3630



38.6233, -27.8930, 21.5265



21.3936, -2.4205, 3.0953



40.8851, -22.1013, 24.8063



89.0390, -49.2890, 54.0025

Inverse Universe

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



17.8301, 25.8865, -50.8755



19.2649, 42.4945, -90.6596



22.7402, 35.2989, -34.2297



19.8647, 0.2769, -1.0161



13.6998, 34.2597, -74.8539



29.2593, 74.2250, -168.0486

Previews

White Background



This preview shows how the HunterLab color 40.8504, -18.9478, 23.1530 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 40.8504, -18.9478, 23.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

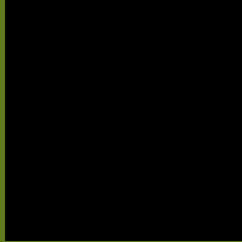
Any Text WCAG AA × Fail

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 40.8504, -18.9478, 23.1530 Background



This preview shows how black text looks on a background with the HunterLab color 40.8504, -18.9478, 23.1530.



This preview shows how white text looks on a background with the HunterLab color 40.8504,

-18.9478, 23.1530.

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

40.8504, -18.9478, 23.1530

Protanopia

40.7747, -5.8322, 23.5153

Deuteranopia





40.7471, 2.4470, 22.7224






Tritanopia

40.8900, -3.4818, -2.5142

Trichromacy

	Original Color 40.8504, -18.9478, 23.1530
	Protanomaly 40.5602, -10.9474, 23.1954
	Deuteranomaly 40.3485, -5.8561, 22.6457
	Tritanomaly 40.5522, -10.8897, 10.9792

Monochromacy

	Original Color 40.8504, -18.9478, 23.1530
	Achromatopsia 37.2064, -1.9852, 2.0215
	Achromatomaly 38.3033, -9.2873, 12.5716

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.8504, -18.9478, 23.1530 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(95, 123, 29)` looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 29)  
}
```

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(95, 123, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 40.8504, -18.9478, 23.1530 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(95, 123, 29) }
```


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

```
.border{ border-color:rgb(95, 123, 29) }
```

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

Here you see how a box with a 4 pixel rgb(95, 123, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 29);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.8504, -18.9478, 23.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 29) }
```

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

```
.background{ background-color: rgb(95, 123,  
29) }
```

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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