

Converting Colors

HunterLab(40.0913, -23.4481,
21.9420)

Have a look what the booklet for
HunterLab(40.0913, -23.4481,
21.9420) contains.

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Color

**HunterLab(40.0913,
-23.4481, 21.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7C23
RGB	76, 124, 35
RGB Percent	30%, 49%, 14%
CMY	0.7020, 0.5137, 0.8627
CMYK	0.39, 0.00, 0.72, 0.51
HSL	92°, 56%, 31%
HSV	92°, 72%, 49%
XYZ	10.4915, 16.0731, 4.1396
YIQ	99.5020, -0.0390, -37.8550

Conversions

Conversions Part 2

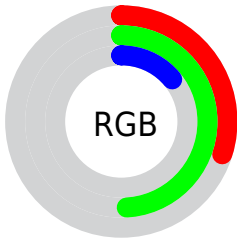
Format	Color
R_{YB}	35, 124, 83
Decimal	5012515
CIE _{Lab}	47.07, -32.01, 41.49
CIE _{LCh}	47, 52.402, 127.648
Yxy	16.0738, 0.3417, 0.5235
Android (android.graphics.Color)	4283202595 (0xFF4C7C23)
YUV	99.5020, -31.7995, -20.6113
Hunter-Lab	40.0913, -23.4481, 21.9420

Details

The HunterLab color $40.0913, -23.4481, 21.9420$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $21.2057, 28.6074, -39.7501$, and the grayscale version is $35.6277, -1.9010, 1.9357$.

A 20% lighter version of the original color is $60.6360, -28.3525, 28.4637$, and $22.8612, -17.4204, 13.7820$ is the 20% darker color. If you saturate the color by 10%, you get $39.6899, -25.2253, 22.8351$, and if you desaturate by 10%, it is $40.5577, -21.3795, 20.6231$.

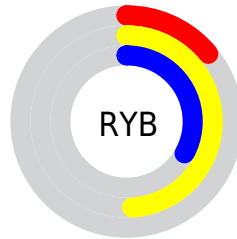
Distribution



Red (30%)

Green (49%)

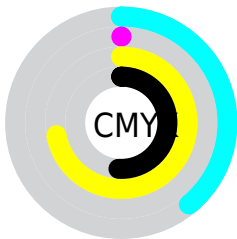
Blue (14%)



Red (14%)

Yellow (49%)

Blue (33%)

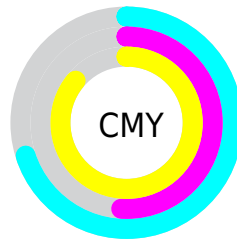


Cyan (39%)

Magenta (0%)

Yellow (72%)

Black (51%)



Cyan (70%)

Magenta (51%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0913, -23.4481, 21.9420 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 40.0913, -23.4481, 21.9420 by changing the saturation by 10% instead.

40.0913, -23.4481,
21.9420

40.0913, -23.4481,
21.9420

151.5839,
-43.7381, 47.5290

30.9458, -20.7515,
18.4003

60.6022, -28.4181,
28.4007

22.6252, -17.8361,
14.8880

71.8681, -30.7569,
31.3973

15.2226, -14.5962,
10.6558

83.7566, -33.0268,
34.2776

8.8477, -15.4835,
6.1934

96.2368, -35.2420,
37.0624

0.0000, NaN, NaN

0.0000, NaN, NaN

109.2817,
-37.4132, 39.7682

0.0000, NaN, NaN

122.8681,

0.0000, NaN, NaN

-39.5488, 42.4079

0.0000, NaN, NaN

136.9750,
-41.6553, 44.9920

■ 40.0913, -23.4481,
21.9420

■ 40.0913, -23.4481,
21.9420

■ 39.6899, -25.2253,
22.8351

■ 40.5577, -21.3795,
20.6231

■ 39.3481, -26.7166,
23.3369

■ 41.0885, -19.0157,
18.8561

■ 39.1016, -27.7890,
23.6077

■ 41.6855, -16.3621,
16.6302

■ 42.3492, -13.4276,
13.9431

■ 43.0794, -10.2244,
10.8000

■ 43.8756, -6.7675,
7.2119

■ 44.7367, -3.0736,
3.1946

■ 45.6615, 0.8393,
-1.2324

■ 46.6483, 4.9530,
-6.0472

Harmonies

Analogous

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



40.0922, -7.2429, 24.3747



40.0913, -23.4481, 21.9420



40.0922, -32.4198, 13.9635

Triad

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



40.0922, -23.4490, 21.9422



40.0922, -16.0302, -50.1377



40.0922, 44.7642, 6.8494

Complementary

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



40.0913, -23.4481, 21.9420



21.2057, 28.6074, -39.7501

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.



40.0922, 41.1075, -14.8144



40.0913, -23.4481, 21.9420



40.0922, 3.2287, -55.4331

Square

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



40.0922, -23.4490, 21.9422



40.0922, -28.7737, -28.0592



40.0922, 24.8235, -40.1852



40.0922, 33.9972, 18.9698

Rectangle

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



40.0913, -23.4481, 21.9420



40.0922, -34.3588, 3.6878



40.0922, 24.8235, -40.1852



40.0922, 45.2141, 0.6161

Sweetspot

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



40.0922, -23.4490, 21.9422



57.0705, -13.8934, 14.6598



32.4227, 7.5018, 17.2018



27.5911, -7.2023, 7.5742



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.



40.0922, -23.4490, 21.9422



52.3566, -34.7453, 30.7657



38.6175, -29.4442, 20.4690



21.2885, -2.7932, 2.9745



39.4219, -28.0262, 23.8010



85.8118, -62.4040, 51.7843

Inverse Universe

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



21.2057, 28.6074, -39.7501



23.8652, 45.2167, -67.8697



26.2086, 38.3642, -24.1269



19.9751, 0.6525, -0.8682



16.3909, 37.0954, -59.3719



35.0779, 80.1890, -133.2771

Previews

White Background



This preview shows how the HunterLab color 40.0913, -23.4481, 21.9420 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 40.0913, -23.4481, 21.9420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

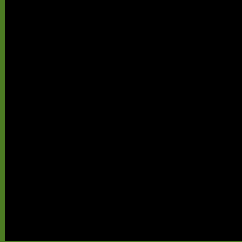
Any Text WCAG AA × Fail

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 40.0913, -23.4481, 21.9420 Background



This preview shows how black text looks on a background with the HunterLab color 40.0913, -23.4481, 21.9420.



This preview shows how white text looks on a background with the HunterLab color 40.0913, -23.4481, 21.9420.

-23.4481, 21.9420.

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

40.0913, -23.4481, 21.9420

Protanopia

39.7909, -5.0247, 22.3948

Deuteranopia

39.9552, 2.5386, 21.4142



Tritanopia

40.1189, -7.6208, -4.0857

Trichromacy



Original Color

40.0913, -23.4481, 21.9420

Protanomaly

39.6565, -12.7595, 22.0616

Deuteranomaly

39.5850, -8.5167, 21.3681

Tritanomaly

39.8135, -15.0446, 9.1911

Monochromacy



Original Color

40.0913, -23.4481, 21.9420

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.9908, -11.2309, 11.6377

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0913, -23.4481, 21.9420 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(76, 124, 35)` looks like.

```
.text, #text, p{  
    color:rgb(76, 124, 35)  
}
```

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(76, 124, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 124, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0913, -23.4481, 21.9420 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(76, 124, 35) }
```


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

```
.border{ border-color:rgb(76, 124, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 124, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 124, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 124, 35);  
box-shadow:4px 4px 4px 4px rgb(76, 124,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0913, -23.4481, 21.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 124, 35) }
```

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

```
.background{ background-color: rgb(76, 124,  
35) }
```

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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