

Converting Colors

HunterLab(40.6462, -23.6089,
20.2102)

Have a look what the booklet for
HunterLab(40.6462, -23.6089,
20.2102) contains.

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Color

**HunterLab(40.7527,
-23.7469, 20.3057)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7E32
RGB	74, 126, 50
RGB Percent	29%, 49%, 20%
CMY	0.7098, 0.5059, 0.8039
CMYK	0.41, 0.00, 0.60, 0.51
HSL	101°, 43%, 35%
HSV	101°, 60%, 49%
XYZ	10.8606, 16.6078, 5.6508
YIQ	101.7880, -6.5960, -34.6600

Conversions

Conversions Part 2

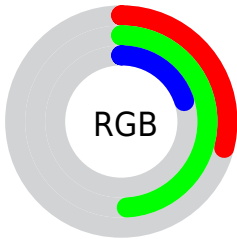
Format	Color
RYB	50, 126, 102
Decimal	4881970
CIELab	47.76, -32.21, 35.33
CIELCh	48, 47.810, 132.351
Yxy	16.6085, 0.3279, 0.5015
Android (android.graphics.Color)	4283072050 (0xFF4A7E32)
YUV	101.7880, -25.5315, -24.3701
Hunter-Lab	40.7527, -23.7469, 20.3057

Details

The HunterLab color $40.7527, -23.7469, 20.3057$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $25.7154, 27.0960, -29.1918$, and the grayscale version is $36.4669, -1.9458, 1.9813$.

A 20% lighter version of the original color is $61.2998, -28.7216, 25.8525$, and $23.0831, -18.0187, 13.9083$ is the 20% darker color. If you saturate the color by 10%, you get $40.2433, -26.0415, 21.7142$, and if you desaturate by 10%, it is $41.3505, -21.0748, 18.4515$.

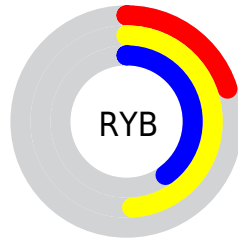
Distribution



Red (29%)

Green (49%)

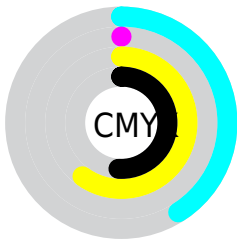
Blue (20%)



Red (20%)

Yellow (49%)

Blue (40%)

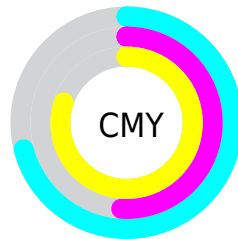


Cyan (41%)

Magenta (0%)

Yellow (60%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7527, -23.7469, 20.3057 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 40.7527, -23.7469, 20.3057 by changing the saturation by 10% instead.

40.7527, -23.7469,
20.3057

40.7527, -23.7469,
20.3057

152.6127,
-44.0949, 42.6826

31.5528, -21.0477,
17.2600

61.3608, -28.7269,
25.8814

23.1725, -18.1332,
13.9786

72.6708, -31.0720,
28.4833

15.7027, -14.9013,
10.9919

84.6012, -33.3486,
30.9947

9.2704, -15.6346,
6.4893

97.1213, -35.5707,
33.4327

0.0000, NaN, NaN

0.0000, NaN, NaN

110.2044,
-37.7489, 35.8110

0.0000, NaN, NaN

123.8274,

0.0000, NaN, NaN

-39.8915, 38.1401

0.0000, NaN, NaN

137.9696,
-42.0051, 40.4283

■ 40.7527, -23.7469,
20.3057

■ 40.7527, -23.7469,
20.3057

■ 40.2433, -26.0415,
21.7142

■ 41.3505, -21.0748,
18.4515

■ 39.8176, -27.9535,
22.6933

■ 42.0353, -18.0332,
16.1459

■ 39.4729, -29.4907,
23.2745

■ 42.8081, -14.6398,
13.3939

■ 39.2036, -30.6877,
23.6198

■ 43.6681, -10.9159,
10.2081

■ 44.6140, -6.8864,
6.6071

■ 45.6438, -2.5780,
2.6144

■ 46.7552, 1.9819,
-1.7441

■ 47.9454, 6.7658,
-6.4406

■ 49.2113, 11.7475,
-11.4466

Harmonies

Analogous

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



40.7536, -9.6115, 23.5214



40.7527, -23.7469, 20.3057



40.7536, -31.1767, 11.3131

Triad

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



40.7536, -23.7477, 20.3060



40.7536, -12.5495, -45.9194



40.7536, 39.4004, 8.8989

Complementary

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



40.7527, -23.7469, 20.3057



25.7154, 27.0960, -29.1918

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.



40.7536, 38.2233, -9.6207



40.7527, -23.7469, 20.3057



40.7536, 5.8326, -47.5741

Square

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



40.7536, -23.7477, 20.3060



40.7536, -25.5619, -28.3421



40.7536, 25.0918, -32.1752



40.7536, 28.0650, 19.2291

Rectangle

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



40.7527, -23.7469, 20.3057



40.7536, -32.3263, 0.7847



40.7536, 25.0918, -32.1752



40.7536, 40.5057, 3.6017

Sweetspot

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



40.7536, -23.7477, 20.3060



58.1639, -13.4985, 12.6786



37.6248, 0.2217, 18.4325



27.5997, -7.0408, 6.5761



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.



40.7536, -23.7477, 20.3060



53.1886, -35.4593, 29.3074



39.9624, -26.6062, 16.9768



22.0897, -3.1506, 3.0345



39.7046, -31.0929, 23.9215

0.0000, NaN, NaN

Inverse Universe

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



25.7154, 27.0960, -29.1918



30.0413, 43.7587, -49.2947



28.0866, 31.3943, -14.5457



20.8481, 0.9331, -0.8256



18.9293, 40.5807, -51.0519

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7527, -23.7469, 20.3057 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 40.7527, -23.7469, 20.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

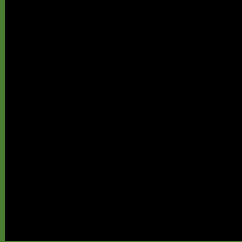
Any Text WCAG AA × Fail

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 40.7527, -23.7469, 20.3057 Background



This preview shows how black text looks on a background with the HunterLab color 40.7527, -23.7469, 20.3057.



This preview shows how white text looks on a background with the HunterLab color 40.7527, -23.7469, 20.3057.

-23.7469, 20.3057.

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

40.7527, -23.7469, 20.3057

Protanopia

40.5501, -4.9225, 21.1213

Deuteranopia

40.3487, 2.8038, 19.6006



Tritanopia

40.6714, -8.3918, -4.8563

Trichromacy



Original Color

40.7527, -23.7469, 20.3057

Protanomaly

40.3583, -12.8865, 20.6921

Deuteranomaly

39.9206, -8.4682, 19.4482

Tritanomaly

40.4829, -15.2121, 7.0214

Monochromacy



Original Color

40.7527, -23.7469, 20.3057

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.7740, -11.0082, 10.2384

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7527, -23.7469, 20.3057 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(74, 126, 50)` looks like.

```
.text, #text, p{  
    color:rgb(74, 126, 50)  
}
```

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(74, 126, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 126, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7527, -23.7469, 20.3057 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(74, 126, 50) }
```


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

```
.border{ border-color:rgb(74, 126, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 126, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 126, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 126, 50);  
box-shadow:4px 4px 4px 4px rgb(74, 126,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7527, -23.7469, 20.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 126, 50) }
```

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

```
.background{ background-color: rgb(74, 126,  
50) }
```

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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