

Converting Colors

HunterLab(38.5180, -23.4226,
12.9246)

Have a look what the booklet for
HunterLab(38.5180, -23.4226,
12.9246) contains.

HunterLab(38.6350, -23.4514, 12.9032)	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(38.6350,
-23.4514, 12.9032)**

Conversions

Conversions Part 1

Format	Color
Hex	34794C
RGB	52, 121, 76
RGB Percent	20%, 47%, 30%
CMY	0.7961, 0.5255, 0.7020
CMYK	0.57, 0.00, 0.37, 0.53
HSL	141°, 40%, 34%
HSV	141°, 57%, 47%
XYZ	9.5581, 14.9266, 9.2149
YIQ	95.2390, -26.6790, -28.6230

Conversions

Conversions Part 2

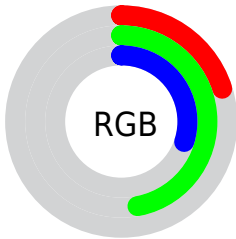
Format	Color
RYB	52, 103, 121
Decimal	3438924
CIELab	45.53, -32.72, 18.28
CIELCh	46, 37.480, 150.803
Yxy	14.9272, 0.2836, 0.4429
Android (android.graphics.Color)	4281629004 (0xFF34794C)
YUV	95.2390, -9.4848, -37.9206
Hunter-Lab	38.6350, -23.4514, 12.9032

Details

The HunterLab color $38.6350, -23.4514, 12.9032$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $27.1741, 26.4837, -7.4682$, and the grayscale version is $33.9594, -1.8120, 1.8451$.

A 20% lighter version of the original color is $58.9542, -28.4947, 16.3159$, and $21.4602, -16.7564, 9.3489$ is the 20% darker color. If you saturate the color by 10%, you get $38.1355, -25.7548, 14.5181$, and if you desaturate by 10%, it is $39.2519, -20.6930, 11.1885$.

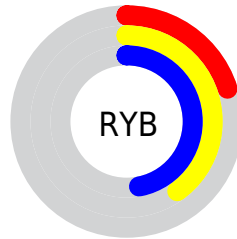
Distribution



 Red (20%)

 Green (47%)

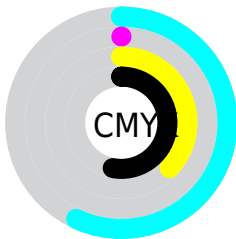
 Blue (30%)




 Red (20%)

 Yellow (40%)

 Blue (47%)

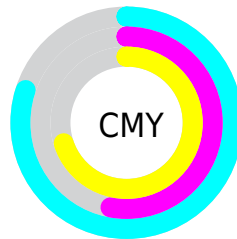


 Cyan (57%)


 Magenta (0%)

 Yellow (37%)

 Black (53%)



 Cyan (80%)

 Magenta (53%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.6350, -23.4514, 12.9032 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 38.6350, -23.4514, 12.9032 by changing the saturation by 10% instead.

■ 38.6350, -23.4514,
12.9032

■ 38.6350, -23.4514,
12.9032

149.3069,
-44.1663, 26.9799

■ 29.6114, -20.6716,
11.1509

■ 58.9283, -28.5514,
16.2042

■ 21.4252, -17.6534,
9.2858

■ 70.0954, -30.9439,
17.7912

■ 14.1739, -14.2778,
7.4360

■ 81.8904, -33.2623,
19.3520

■ 7.8275, -13.6980,
5.4792

■ 94.2814, -35.5218,
20.8945

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.2412,
-37.7339, 22.4245

0.0000, NaN, NaN

■ 120.7458,

0.0000, NaN, NaN

-39.9076, 23.9466

0.0000, NaN, NaN

134.7740,
-42.0498, 25.4641

■ 38.6350, -23.4514,
12.9032

■ 38.6350, -23.4514,
12.9032

■ 38.1355, -25.7548,
14.5181

■ 39.2519, -20.6930,
11.1885

■ 37.7465, -27.5983,
16.0135

■ 39.9863, -17.4944,
9.3930

■ 37.4617, -28.9947,
17.3729

■ 40.8395, -13.8824,
7.5377

■ 37.2608, -30.0171,
18.5741

■ 41.8105, -9.8910,
5.6424

■ 37.2063, -30.2944,
18.8923

■ 42.8970, -5.5586,
3.7258

■ 44.0957, -0.9258,
1.8046

■ 45.4025, 3.9670,
-0.1068

■ 46.8128, 9.0808,
-1.9965

■ 48.3216, 14.3795,
-3.8548

Harmonies

Analogous

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



38.6358, -15.2886, 18.6155



38.6350, -23.4514, 12.9032



38.6358, -26.1080, 1.7309

Triad

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



38.6358, -23.4519, 12.9035



38.6358, -1.6735, -34.7646



38.6358, 24.8190, 13.3384

Complementary

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



38.6350, -23.4514, 12.9032



27.1741, 26.4837, -7.4682

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.



38.6358, 29.8328, 2.4716



38.6350, -23.4514, 12.9032



38.6358, 13.2209, -28.1888

Square

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



38.6358, -23.4519, 12.9035



38.6358, -14.7062, -28.8204



38.6358, 25.3094, -13.1419



38.6358, 12.4479, 18.7939

Rectangle

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



38.6350, -23.4514, 12.9032



38.6358, -24.7599, -8.5122



38.6358, 25.3094, -13.1419



38.6358, 27.4957, 10.3626

Sweetspot

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



38.6358, -23.4519, 12.9035



55.8939, -13.4585, 7.6526



40.6449, -16.2554, 20.0212



26.6276, -6.8398, 3.8460



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



38.6358, -23.4519, 12.9035



50.8777, -35.1835, 19.9792



39.3959, -18.9154, 1.9565



21.1444, -3.2087, 2.0420



38.5128, -31.3765, 19.5951



84.0269, -69.0731, 44.0826

Inverse Universe

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



27.1741, 26.4837, -7.4682



33.1431, 42.8177, -11.0189



26.2407, 22.2719, 5.7671



20.1369, 1.0870, 0.2160



22.2658, 40.8320, -6.5513



48.4594, 88.5672, -11.9336

Previews

White Background



This preview shows how the HunterLab color 38.6350, -23.4514, 12.9032 looks on a white background.

Color Contrast Check

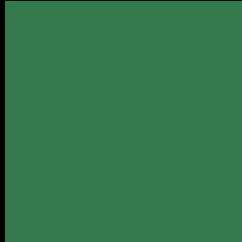
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6350, -23.4514, 12.9032 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 38.6350, -23.4514, 12.9032 Background



This preview shows how black text looks on a background with the HunterLab color 38.6350, -23.4514, 12.9032.



This preview shows how white text looks on a background with the HunterLab color 38.6350,

-23.4514, 12.9032.

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

38.6350, -23.4514, 12.9032

Protanopia

38.3022, -3.8088, 14.5656

Deuteranopia

38.3605, 2.2132, 11.9461



Tritanopia

38.5681, -11.8838, -5.7567

Trichromacy



Original Color

38.6350, -23.4514, 12.9032

Protanomaly

37.9254, -12.3467, 13.5687

Deuteranomaly

37.9065, -9.2035, 11.6267

Tritanomaly

38.4398, -16.4704, 1.9433

Monochromacy



Original Color

38.6350, -23.4514, 12.9032

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

35.0250, -10.6551, 5.7669

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.6350, -23.4514, 12.9032 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(52, 121, 76)` looks like.

```
.text, #text, p{  
    color:rgb(52, 121, 76)  
}
```

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(52, 121, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 121, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 38.6350, -23.4514, 12.9032 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(52, 121, 76) }
```


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

```
.border{ border-color:rgb(52, 121, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 121, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 121, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 121, 76);  
box-shadow:4px 4px 4px 4px rgb(52, 121,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.6350, -23.4514, 12.9032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 121, 76) }
```

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

```
.background{ background-color: rgb(52, 121,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor