

Converting Colors

HunterLab(33.1084, -23.5536,
19.7641)

Have a look what the booklet for
HunterLab(33.1084, -23.5536,
19.7641) contains.

HunterLab(33.0472, -23.5434, 19.7453)	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(33.0472,
-23.5434, 19.7453)**

Conversions

Conversions Part 1

Format	Color
Hex	2F6A04
RGB	47, 106, 4
RGB Percent	18%, 42%, 2%
CMY	0.8157, 0.5843, 0.9843
CMYK	0.56, 0.00, 0.96, 0.58
HSL	95°, 93%, 22%
HSV	95°, 96%, 42%
XYZ	6.3482, 10.9212, 1.8883
YIQ	76.7310, -2.4220, -44.2300

Conversions

Conversions Part 2

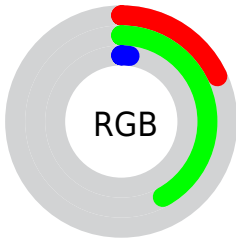
Format	Color
R_{YB}	4, 106, 63
Decimal	3107332
CIE _{Lab}	39.45, -36.13, 43.83
CIE _{LCh}	39, 56.803, 129.502
Yxy	10.9216, 0.3314, 0.5701
Android (android.graphics.Color)	4281297412 (0xFF2F6A04)
YUV	76.7310, -35.8564, -26.0741
Hunter-Lab	33.0472, -23.5434, 19.7453

Details

The HunterLab color **33.0472, -23.5434, 19.7453** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **14.7804, 30.8406, -45.0527**, and the grayscale version is **27.2716, -1.4551, 1.4817**.

A 20% lighter version of the original color is **52.4404, -29.3960, 26.8074**, and **17.3957, -14.9168, 10.4580** is the 20% darker color. If you saturate the color by 10%, you get **32.9534, -23.9624, 19.8862**, and if you desaturate by 10%, it is **33.3202, -22.3489, 19.3623**.

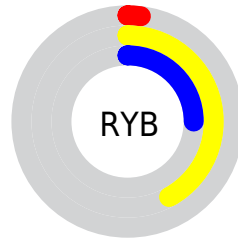
Distribution



Red (18%)

Green (42%)

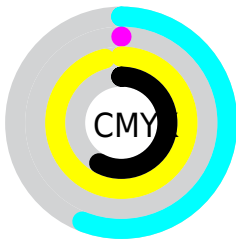
Blue (2%)



Red (2%)

Yellow (42%)

Blue (25%)

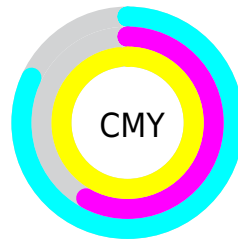


Cyan (56%)

Magenta (0%)

Yellow (96%)

Black (58%)



Cyan (82%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0472, -23.5434, 19.7453 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 33.0472, -23.5434, 19.7453 by changing the saturation by 10% instead.

■ 33.0472, -23.5434,
19.7453

■ 33.0472, -23.5434,
19.7453

■ 140.4027,
-46.3570, 47.3455

■ 24.5238, -20.3471,
15.9931

■ 52.4549, -29.2913,
26.8467

■ 16.8929, -16.8057,
11.8250

■ 63.2219, -31.9492,
30.1059

■ 10.2754, -16.0344,
7.1928

■ 74.6388, -34.5063,
33.2189

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.6706, -36.9836,
36.2123

0.0000, NaN, NaN

■ 99.2873, -39.3968,
39.1069


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 112.4630,


-41.7575, 41.9189


0.0000, NaN, NaN


 126.1748,
-44.0751, 44.6616


 33.0472, -23.5434,
19.7453


 33.0472, -23.5434,
19.7453


 32.9534, -23.9624,
19.8862

 33.3202, -22.3489,
19.3623

 33.6415, -20.9283,
18.7219

 34.0178, -19.2531,
17.7425

 34.4509, -17.3213,
16.4042

 34.9419, -15.1362,
14.6964

■ 35.4913, -12.7048,
12.6159

■ 36.0990, -10.0379,
10.1661

■ 36.7646, -7.1483,
7.3555

■ 37.4872, -4.0508,
4.1968

Harmonies

Analogous

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



33.0479, -8.1089, 21.6296



33.0472, -23.5434, 19.7453



33.0479, -31.4936, 12.5374

Triad

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



33.0479, -23.5440, 19.7454



33.0479, -14.6317, -57.3257



33.0479, 47.6286, 7.4810

Complementary

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



33.0472, -23.5434, 19.7453



14.7804, 30.8406, -45.0527

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.



33.0479, 44.6359, -14.4814



33.0472, -23.5434, 19.7453



33.0479, 5.0964, -61.9829

Square

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



33.0479, -23.5440, 19.7454



33.0479, -27.3009, -32.6864



33.0479, 27.7027, -43.0541



33.0479, 35.0845, 17.9984

Rectangle

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



33.0472, -23.5434, 19.7453



33.0479, -32.9930, 2.1280



33.0479, 27.7027, -43.0541



33.0479, 48.4642, 1.4663

Sweetspot

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



33.0479, -23.5440, 19.7454



47.5249, -14.5974, 14.6851



25.4892, 9.1627, 15.5992



22.8803, -7.5984, 7.5970



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.0479, -23.5440, 19.7454



43.5797, -32.0568, 26.2924



32.1840, -27.1283, 18.7843



18.7118, -2.4708, 2.5595



36.6834, -26.8033, 22.1349



82.5098, -61.7353, 49.7614

Inverse Universe

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



14.7804, 30.8406, -45.0527



18.7532, 41.8537, -63.3720



20.1395, 37.8721, -21.8284



17.6166, 0.5847, -0.6948



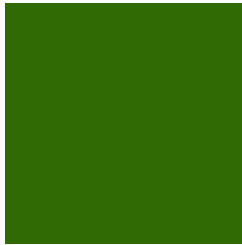
15.8592, 35.3022, -52.8738



35.0666, 78.8174, -122.8020

Previews

White Background



This preview shows how the HunterLab color 33.0472, -23.5434, 19.7453 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 33.0472, -23.5434, 19.7453 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 33.0472, -23.5434, 19.7453 Background



This preview shows how black text looks on a background with the HunterLab color 33.0472, -23.5434, 19.7453.



This preview shows how white text looks on a background with the HunterLab color 33.0472, -23.5434, 19.7453.

-23.5434, 19.7453.

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

33.0472, -23.5434, 19.7453

Protanopia

32.9119, -4.7701, 20.1967

Deuteranopia

32.8927, 1.9727, 18.9346



Tritanopia

33.1980, -9.0960, -4.0555

Trichromacy



Original Color

33.0472, -23.5434, 19.7453

Protanomaly

32.5920, -13.0610, 19.8021

Deuteranomaly

32.3948, -9.3473, 18.9707

Tritanomaly

32.8668, -16.7143, 9.8031

Monochromacy



Original Color

33.0472, -23.5434, 19.7453

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

28.9275, -11.6729, 11.4357

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0472, -23.5434, 19.7453 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(47, 106, 4)` looks like.

```
.text, #text, p{  
  color:rgb(47, 106, 4)  
}
```

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(47, 106, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 106, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0472, -23.5434, 19.7453 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(47, 106, 4) }
```


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

```
.border{ border-color:rgb(47, 106, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 106, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 106, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 106, 4);  
box-shadow:4px 4px 4px 4px rgb(47, 106, 4)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.0472, -23.5434, 19.7453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 106, 4) }
```

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

```
.background{ background-color: rgb(47, 106,  
4) }
```

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