

Converting Colors

HunterLab(23.5144, -11.5400,
8.5485)

Have a look what the booklet for
HunterLab(23.5144, -11.5400,
8.5485) contains.

HunterLab(23.4465, -11.3345, 8.4698)	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(23.4465,
-11.3345, 8.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	2D492B
RGB	45, 73, 43
RGB Percent	18%, 29%, 17%
CMY	0.8235, 0.7137, 0.8314
CMYK	0.38, 0.00, 0.41, 0.71
HSL	116°, 26%, 23%
HSV	116°, 41%, 29%
XYZ	3.9008, 5.4974, 3.1410
YIQ	61.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

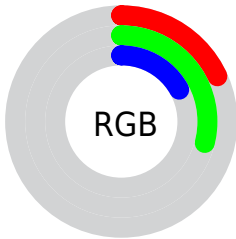
Format	Color
R_{YB}	43, 73, 71
Decimal	2967851
CIE _{Lab}	28.11, -17.65, 14.71
CIE _{LCh}	28, 22.976, 140.194
Yxy	5.4976, 0.3111, 0.4384
Android (android.graphics.Color)	4281157931 (0xFF2D492B)
YUV	61.2080, -8.9765, -14.2144
Hunter-Lab	23.4465, -11.3345, 8.4698

Details

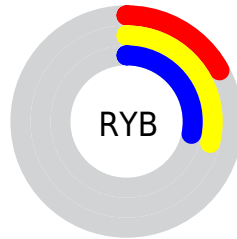
The HunterLab color $[23.4465, -11.3345, 8.4698]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[18.8376, 11.2408, -8.0358]$, and the grayscale version is $[21.7062, -1.1582, 1.1793]$.

A 20% lighter version of the original color is $[41.1286, -14.7893, 11.4598]$, and $[9.6361, -8.2630, 5.7931]$ is the 20% darker color. If you saturate the color by 10%, you get $[23.0358, -13.1704, 9.7296]$, and if you desaturate by 10%, it is $[23.9235, -9.2490, 7.0164]$.

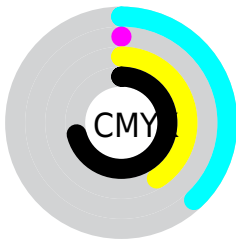
Distribution



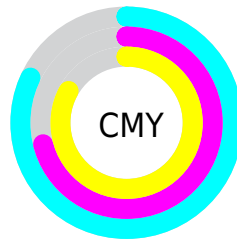
- Red (18%)
- Green (29%)
- Blue (17%)



- Red (17%)
- Yellow (29%)
- Blue (28%)



- Cyan (38%)
- Magenta (0%)
- Yellow (41%)
- Black (71%)



- Cyan (82%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4465, -11.3345, 8.4698 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 23.4465, -11.3345, 8.4698 by changing the saturation by 10% instead.

■ 23.4465, -11.3345,
8.4698

■ 23.4465, -11.3345,
8.4698

124.3067,
-25.3744, 21.1275

■ 15.9439, -9.4715,
6.8206

■ 41.0847, -14.7165,
11.4784

■ 9.4744, -8.6248,
6.6321

■ 51.0634, -16.3096,
12.9038

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7402, -17.8643,
14.3004

0.0000, NaN, NaN

■ 73.0722, -19.3923,
15.6788

0.0000, NaN, NaN

■ 85.0234, -20.9020,
17.0460

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.5633, -22.3994,

110.6654,
-23.8890, 19.7670

23.4465, -11.3345,
8.4698

23.4465, -11.3345,
8.4698

23.0358, -13.1704,
9.7296

23.9235, -9.2490,
7.0164

22.6896, -14.7412,
10.7863

24.4647, -6.9311,
5.3809

22.4074, -16.0391,
11.6364

25.0694, -4.4024,
3.5784

22.1870, -17.0624,
12.2815

25.7358, -1.6855,
1.6250

22.0232, -17.8291,
12.7560

26.4619, 1.1964,
-0.4625

■ 21.9014, -18.4120,
13.1732

■ 27.2452, 4.2211,
-2.6675

■ 28.0830, 7.3674,
-4.9743

■ 28.9727, 10.6163,
-7.3683

■ 29.9115, 13.9503,
-9.8363

Harmonies

Analogous

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



23.4470, -6.0261, 10.8464



23.4465, -11.3345, 8.4698



23.4470, -13.8386, 3.4946

Triad

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



23.4470, -11.3349, 8.4700



23.4470, -3.6583, -16.6668



23.4470, 13.8765, 5.5355

Complementary

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



23.4465, -11.3345, 8.4698



18.8376, 11.2408, -8.0358

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.



23.4470, 14.7186, -1.1825



23.4465, -11.3345, 8.4698



23.4470, 3.9368, -15.5958

Square

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



23.4470, -11.3349, 8.4700



23.4470, -9.7893, -11.8987



23.4470, 10.8875, -9.3150



23.4470, 8.7133, 9.5588

Rectangle

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



23.4465, -11.3345, 8.4698



23.4470, -13.8254, -1.2840



23.4470, 10.8875, -9.3150



23.4470, 14.6974, 3.5769

Sweetspot

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



23.4470, -11.3349, 8.4700



32.5078, -6.1901, 4.9866



24.6934, -3.9099, 9.6597



16.7644, -3.2814, 2.6357



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.4470, -11.3349, 8.4700



29.9853, -17.0831, 12.6232



23.5891, -10.3105, 4.9508



12.8905, -1.9055, 1.5818



30.0865, -25.4338, 18.0939



74.1711, -63.2461, 44.5966

Inverse Universe

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



18.8376, 11.2408, -8.0358



22.7506, 18.5514, -13.4692



18.6295, 9.8190, -1.9546



12.3736, 0.6027, -0.2479



17.9648, 35.8277, -27.6348



44.1748, 88.1988, -68.7266

Previews

White Background



This preview shows how the HunterLab color 23.4465, -11.3345, 8.4698 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.4465, -11.3345, 8.4698 Background



This preview shows how black text looks on a background with the HunterLab color 23.4465, -11.3345, 8.4698.



This preview shows how white text looks on a background with the HunterLab color 23.4465,

-11.3345, 8.4698.

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

23.4465, -11.3345, 8.4698

Protanopia

23.2967, -2.4306, 9.2037

Deuteranopia

23.2524, 1.3425, 8.0212



Tritanopia

23.3839, -4.5608, -2.5487

Trichromacy



Original Color

23.4465, -11.3345, 8.4698

Protanomaly

23.3248, -6.2663, 8.9304

Deuteranomaly

23.2152, -3.9003, 8.1511

Tritanomaly

23.2210, -7.1678, 2.1761

Monochromacy



Original Color

23.4465, -11.3345, 8.4698

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

22.0435, -5.1192, 4.1064

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4465, -11.3345, 8.4698 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(45, 73, 43)` looks like.

```
.text, #text, p{  
    color:rgb(45, 73, 43)  
}
```

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(45, 73, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 73, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4465, -11.3345, 8.4698 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(45, 73, 43) }
```


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

```
.border{ border-color:rgb(45, 73, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 73, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 73, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 73, 43);  
box-shadow:4px 4px 4px 4px rgb(45, 73, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4465, -11.3345, 8.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 73, 43) }
```

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

```
.background{ background-color: rgb(45, 73,  
43) }
```

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