

Converting Colors

HunterLab(23.4722, -11.3912,
11.3044)

Have a look what the booklet for
HunterLab(23.4722, -11.3912,
11.3044) contains.

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Color

**HunterLab(23.5200,
-11.4122, 11.3629)**

Conversions

Conversions Part 1

Format	Color
Hex	32491D
RGB	50, 73, 29
RGB Percent	20%, 29%, 11%
CMY	0.8039, 0.7137, 0.8863
CMYK	0.32, 0.00, 0.60, 0.71
HSL	91°, 43%, 20%
HSV	91°, 60%, 29%
XYZ	3.9197, 5.5319, 2.0236
YIQ	61.1070, 0.4160, -18.5600

Conversions

Conversions Part 2

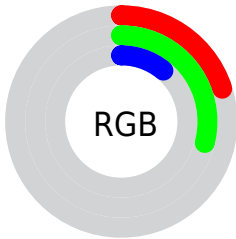
Format	Color
R_{YB}	29, 73, 52
Decimal	3295517
CIE _{Lab}	28.20, -17.77, 23.23
CIE _{LCh}	28, 29.246, 127.414
Yxy	5.5321, 0.3416, 0.4821
Android (android.graphics.Color)	4281485597 (0xFF32491D)
YUV	61.1070, -15.8288, -9.7408
Hunter-Lab	23.5200, -11.4122, 11.3629

Details

The HunterLab color **23.5200, -11.4122, 11.3629** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.4568, 12.4627, -16.7259**, and the grayscale version is **21.6924, -1.1575, 1.1786**.

A 20% lighter version of the original color is **41.2434, -14.9057, 15.8397**, and **9.6361, -8.2630, 5.7931** is the 20% darker color. If you saturate the color by 10%, you get **23.2534, -12.6012, 12.2110**, and if you desaturate by 10%, it is **23.8196, -10.0813, 10.2862**.

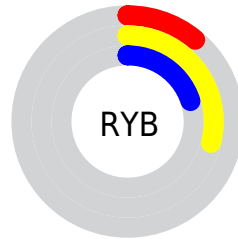
Distribution



Red (20%)

Green (29%)

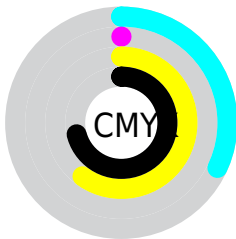
Blue (11%)



Red (11%)

Yellow (29%)

Blue (20%)

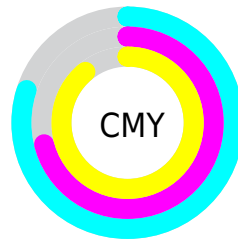


Cyan (32%)

Magenta (0%)

Yellow (60%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5200, -11.4122, 11.3629 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 23.5200, -11.4122, 11.3629 by changing the saturation by 10% instead.

■ 23.5200, -11.4122,
11.3629

■ 23.5200, -11.4122,
11.3629

■ 124.4348,
-25.5102, 28.6202

■ 16.0086, -9.5403,
9.0957

■ 41.1733, -14.8101,
15.7093

■ 9.5288, -8.6380,
6.6701

■ 51.1587, -16.4102,
17.7063

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8417, -17.9715,
19.6277

0.0000, NaN, NaN

■ 73.1795, -19.5058,
21.4930

0.0000, NaN, NaN

■ 85.1363, -21.0214,
23.3158

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.6815, -22.5245,

110.7887,
-24.0196, 26.8726

23.5200, -11.4122,
11.3629

23.5200, -11.4122,
11.3629

23.2534, -12.6012,
12.2110

23.8196, -10.0813,
10.2862

23.0177, -13.6458,
12.8372

24.1511, -8.6099,
8.9771

22.8112, -14.5555,
13.2713

24.5150, -7.0030,
7.4362

22.6271, -15.3760,
13.6735

24.9113, -5.2664,
5.6665

25.3397, -3.4071,
3.6739

■ 25.7996, -1.4328,
1.4657

■ 26.2905, 0.6487,
-0.9489

■ 26.8117, 2.8291,
-3.5599

■ 27.3624, 5.1000,
-6.3563

Harmonies

Analogous

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



23.5205, -3.5809, 12.8555



23.5200, -11.4122, 11.3629



23.5205, -15.9328, 7.0535

Triad

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



23.5205, -11.4127, 11.3631



23.5205, -7.9065, -21.2557



23.5205, 19.8823, 3.4262

Complementary

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



23.5200, -11.4122, 11.3629



14.4568, 12.4627, -16.7259

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.



23.5205, 18.2302, -6.4723



23.5200, -11.4122, 11.3629



23.5205, 1.1624, -23.4897

Square

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



23.5205, -11.4127, 11.3631



23.5205, -14.1453, -12.0102



23.5205, 10.9830, -17.2675



23.5205, 15.1923, 9.6176

Rectangle

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



23.5200, -11.4122, 11.3629



23.5205, -16.9434, 2.0555



23.5205, 10.9830, -17.2675



23.5205, 20.0616, 0.4778

Sweetspot

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



23.5205, -11.4127, 11.3631



32.4997, -6.4778, 6.9795



19.8435, 2.9266, 8.8053



16.7345, -3.5461, 3.8153



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.



23.5205, -11.4127, 11.3631



30.1150, -17.0243, 16.2860



22.6251, -14.9758, 10.5068



12.9843, -1.5717, 1.6912



31.0235, -21.5048, 18.7400



76.2354, -54.5585, 46.0208

Inverse Universe

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



14.4568, 12.4627, -16.7259



16.1052, 20.5504, -29.0052



16.6335, 17.7410, -11.4575



12.2703, 0.2527, -0.3840



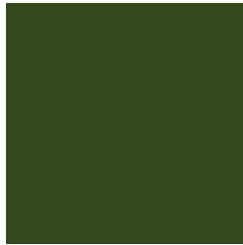
12.8033, 29.0293, -46.7904



30.7243, 70.6578, -120.0013

Previews

White Background



This preview shows how the HunterLab color 23.5200, -11.4122, 11.3629 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

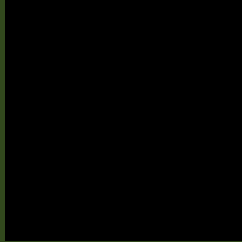
Any Text WCAG AA × Fail

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 23.5200, -11.4122, 11.3629 Background



This preview shows how black text looks on a background with the HunterLab color 23.5200, -11.4122, 11.3629.



This preview shows how white text looks on a background with the HunterLab color 23.5200, -11.4122, 11.3629.

-11.4122, 11.3629.

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

23.5200, -11.4122, 11.3629

Protanopia

23.5569, -3.1177, 11.8513

Deuteranopia

23.3520, 1.3123, 10.9428



Tritanopia

23.3868, -3.2677, -2.0708

Trichromacy



Original Color

23.5200, -11.4122, 11.3629

Protanomaly

23.3750, -6.4074, 11.5048

Deuteranomaly

23.2709, -4.0568, 10.9656

Tritanomaly

23.3882, -6.7744, 4.1454

Monochromacy



Original Color

23.5200, -11.4122, 11.3629

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

22.0731, -5.2132, 5.7050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5200, -11.4122, 11.3629 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(50, 73, 29)` looks like.

```
.text, #text, p{  
  color:rgb(50, 73, 29)  
}
```

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(50, 73, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 73, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5200, -11.4122, 11.3629 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(50, 73, 29) }
```


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

```
.border{ border-color:rgb(50, 73, 29) }
```

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

Here you see how a box with a 4 pixel rgb(50, 73, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 73, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 73, 29);  
box-shadow:4px 4px 4px 4px rgb(50, 73, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5200, -11.4122, 11.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 73, 29) }
```

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

```
.background{ background-color: rgb(50, 73,  
29) }
```

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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