

Converting Colors

HunterLab(23.5047, -11.9619,
11.3960)

Have a look what the booklet for
HunterLab(23.5047, -11.9619,
11.3960) contains.

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Color

**HunterLab(23.4140,
-11.8276, 11.2771)**

Conversions

Conversions Part 1

Format	Color
Hex	30491D
RGB	48, 73, 29
RGB Percent	19%, 29%, 11%
CMY	0.8118, 0.7137, 0.8863
CMYK	0.34, 0.00, 0.60, 0.71
HSL	94°, 43%, 20%
HSV	94°, 60%, 29%
XYZ	3.8232, 5.4822, 2.0190
YIQ	60.5090, -0.7760, -18.9840

Conversions

Conversions Part 2

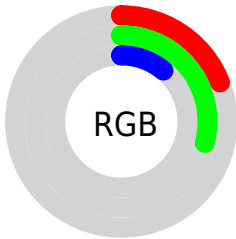
Format	Color
R_YB	29, 73, 54
Decimal	3164445
CIE Lab	28.07, -18.63, 23.04
CIE LCh	28, 29.627, 128.952
Yxy	5.4824, 0.3376, 0.4841
Android (android.graphics.Color)	4281354525 (0xFF30491D)
YUV	60.5090, -15.5339, -10.9704
Hunter-Lab	23.4140, -11.8276, 11.2771

Details

The HunterLab color $[23.4140, -11.8276, 11.2771]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[14.6430, 12.9381, -16.2740]$, and the grayscale version is $[21.4850, -1.1464, 1.1673]$.

A 20% lighter version of the original color is $[41.1099, -15.4118, 15.7184]$, and $[9.6361, -8.2630, 5.7931]$ is the 20% darker color. If you saturate the color by 10%, you get $[23.1393, -13.0549, 12.1234]$, and if you desaturate by 10%, it is $[23.7245, -10.4480, 10.2043]$.

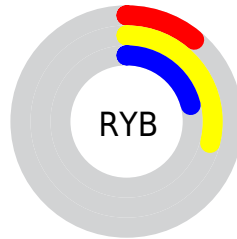
Distribution



Red (19%)

Green (29%)

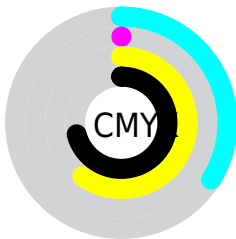
Blue (11%)



Red (11%)

Yellow (29%)

Blue (21%)

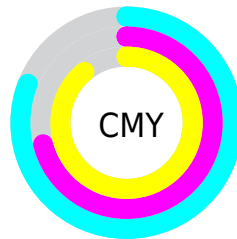


Cyan (34%)

Magenta (0%)

Yellow (60%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4140, -11.8276, 11.2771 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 23.4140, -11.8276, 11.2771 by changing the saturation by 10% instead.

■ 23.4140, -11.8276,
11.2771

■ 23.4140, -11.8276,
11.2771

124.2500,
-26.3694, 28.4373

■ 15.9153, -9.8767,
9.0284

■ 41.0455, -15.3537,
15.5969

■ 9.4504, -9.0931,
6.6153

■ 51.0213, -17.0087,
17.5820

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.6953, -18.6204,
19.4923

0.0000, NaN, NaN

■ 73.0247, -20.2017,
21.3470

0.0000, NaN, NaN

■ 84.9735, -21.7614,
23.1600

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.5110, -23.3062,

24.9412

0.0000, NaN, NaN

■ 110.6109,
-24.8409, 26.6983

■ 23.4140, -11.8276,
11.2771

■ 23.4140, -11.8276,
11.2771

■ 23.1393, -13.0549,
12.1234

■ 23.7245, -10.4480,
10.2043

■ 22.8983, -14.1270,
12.7495

■ 24.0696, -8.9183,
8.9021

■ 22.6892, -15.0527,
13.1846

■ 24.4499, -7.2447,
7.3718

■ 22.5050, -15.8782,
13.5895

■ 24.8652, -5.4341,
5.6175

■ 25.3151, -3.4947,
3.6457

■ 25.7989, -1.4352,
1.4649

■ 26.3159, 0.7352,
-0.9150

■ 26.8654, 3.0073,
-3.4832

■ 27.4463, 5.3717,
-6.2283

Harmonies

Analogous

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



23.4145, -4.0735, 12.8774



23.4140, -11.8276, 11.2771



23.4145, -16.1959, 6.7773

Triad

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



23.4145, -11.8281, 11.2773



23.4145, -7.5596, -21.9626



23.4145, 20.0858, 3.8625

Complementary

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



23.4140, -11.8276, 11.2771



14.6430, 12.9381, -16.2740

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.



23.4145, 18.7455, -6.0070



23.4140, -11.8276, 11.2771



23.4145, 1.7127, -23.7847

Square

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



23.4145, -11.8281, 11.2773



23.4145, -14.0237, -12.7899



23.4145, 11.6187, -17.0682



23.4145, 15.0294, 9.8886

Rectangle

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



23.4140, -11.8276, 11.2771



23.4145, -17.0881, 1.5956



23.4145, 11.6187, -17.0682



23.4145, 20.3837, 0.9488

Sweetspot

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



23.4145, -11.8281, 11.2773



32.4440, -6.6798, 6.9195



20.3409, 2.0123, 9.1808



16.7035, -3.6591, 3.7823



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.



23.4145, -11.8281, 11.2773



29.9630, -17.6324, 16.1718



22.6505, -14.8208, 10.1330



12.9738, -1.6092, 1.6789



30.8569, -22.1927, 18.6254



75.8335, -56.2280, 45.7439

Inverse Universe

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



14.6430, 12.9381, -16.2740



16.4205, 21.2253, -28.0448



16.5480, 17.3682, -10.3002



12.2816, 0.2910, -0.3691



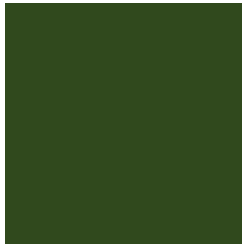
13.2852, 29.5970, -44.4816



31.9483, 72.0627, -113.8523

Previews

White Background



This preview shows how the HunterLab color 23.4140, -11.8276, 11.2771 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

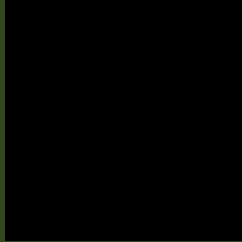
Any Text WCAG AA × Fail

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 23.4140, -11.8276, 11.2771 Background



This preview shows how black text looks on a background with the HunterLab color 23.4140, -11.8276, 11.2771.



This preview shows how white text looks on a background with the HunterLab color 23.4140,

-11.8276, 11.2771.

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

23.4140, -11.8276, 11.2771

Protanopia

23.3054, -2.7177, 11.6751

Deuteranopia

23.3520, 1.3123, 10.9428



Tritanopia

23.3257, -3.4857, -2.1553

Trichromacy



Original Color

23.4140, -11.8276, 11.2771

Protanomaly

23.3750, -6.4074, 11.5048

Deuteranomaly

23.2709, -4.0568, 10.9656

Tritanomaly

23.2720, -7.2071, 4.0156

Monochromacy



Original Color

23.4140, -11.8276, 11.2771

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

22.0070, -5.4553, 5.6367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4140, -11.8276, 11.2771 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(48, 73, 29)` looks like.

```
.text, #text, p{  
    color:rgb(48, 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(48, 73, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 73, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4140, -11.8276, 11.2771 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(48, 73, 29) }
```


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

```
.border{ border-color:rgb(48, 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(48, 73, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 73, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 73, 29);  
box-shadow:4px 4px 4px 4px rgb(48, 73, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.4140, -11.8276, 11.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 73, 29) }
```

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

```
.background{ background-color: rgb(48, 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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