

Converting Colors

HunterLab(23.1840, -12.9940,
13.0846)

Have a look what the booklet for
HunterLab(23.1840, -12.9940,
13.0846) contains.

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Color

**HunterLab(23.1840,
-12.9940, 13.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	2E490D
RGB	46, 73, 13
RGB Percent	18%, 29%, 5%
CMY	0.8196, 0.7137, 0.9490
CMYK	0.37, 0.00, 0.82, 0.71
HSL	87°, 70%, 17%
HSV	87°, 82%, 29%
XYZ	3.5819, 5.3750, 1.2295
YIQ	58.0870, 3.1680, -24.3840

Conversions

Conversions Part 2

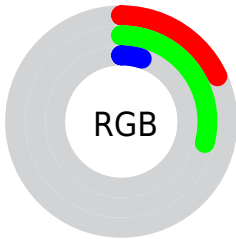
Format	Color
RYB	13, 73, 40
Decimal	3033357
CIELab	27.78, -21.06, 30.61
CIELCh	28, 37.156, 124.533
Yxy	5.3752, 0.3516, 0.5277
Android (android.graphics.Color)	4281223437 (0xFF2E490D)
YUV	58.0870, -22.2279, -10.6003
Hunter-Lab	23.1840, -12.9940, 13.0846

Details

The HunterLab color $[23.1840, -12.9940, 13.0846]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[11.0462, 16.5732, -26.7377]$, and the grayscale version is $[20.6730, -1.1031, 1.1232]$.

A 20% lighter version of the original color is $[40.8390, -16.8571, 18.6633]$, and $[9.6361, -8.2630, 5.7931]$ is the 20% darker color. If you saturate the color by 10%, you get $[22.9897, -13.8469, 13.5014]$, and if you desaturate by 10%, it is $[23.4030, -12.0323, 12.4974]$.

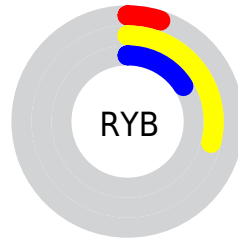
Distribution



Red (18%)

Green (29%)

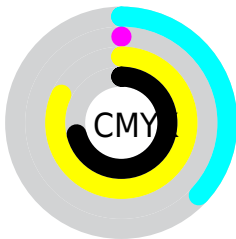
Blue (5%)



Red (5%)

Yellow (29%)

Blue (16%)

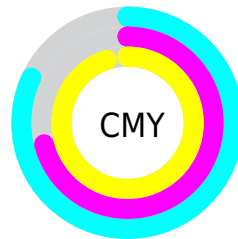


Cyan (37%)

Magenta (0%)

Yellow (82%)

Black (71%)



Cyan (82%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1840, -12.9940, 13.0846 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 23.1840, -12.9940, 13.0846 by changing the saturation by 10% instead.

■ 23.1840, -12.9940,
13.0846

■ 23.1840, -12.9940,
13.0846

■ 123.8484,
-28.8095, 34.5346

■ 15.7132, -10.8162,
10.9879

■ 40.7681, -16.8888,
18.6469

■ 9.2794, -10.3864,
6.4956

■ 50.7229, -18.7010,
21.1673

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.3774, -20.4575,
23.5694

0.0000, NaN, NaN

■ 72.6884, -22.1735,
25.8800


0.0000, NaN, NaN


■ 84.6197, -23.8597,
28.1187


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.1406, -25.5241,


 110.2246,
-27.1725, 32.4360


 23.1840, -12.9940,
13.0846


 23.1840, -12.9940,
13.0846


 22.9897, -13.8469,
13.5014


 23.4030, -12.0323,
12.4974

 22.8460, -14.4822,
13.8241

 23.6486, -10.9420,
11.6883

 23.9221, -9.7230,
10.6482

 24.2241, -8.3765,
9.3720

 24.5547, -6.9054,
7.8581

■ 24.9139, -5.3136,
6.1079

■ 25.3017, -3.6062,
4.1251

■ 25.7178, -1.7890,
1.9156

■ 26.1618, 0.1316,
-0.5132

Harmonies

Analogous

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



23.1845, -3.0463, 14.2886



23.1840, -12.9940, 13.0846



23.1845, -18.7078, 8.8964

Triad

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



23.1845, -12.9945, 13.0847



23.1845, -10.4073, -28.8763



23.1845, 26.7685, 2.9418

Complementary

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



23.1840, -12.9940, 13.0846



11.0462, 16.5732, -26.7377

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.



23.1845, 23.6897, -10.3958



23.1840, -12.9940, 13.0846



23.1845, 0.6268, -33.3534

Square

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



23.1845, -12.9945, 13.0847



23.1845, -17.4426, -15.0897



23.1845, 13.4584, -25.3288



23.1845, 21.1758, 10.6206

Rectangle

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



23.1840, -12.9940, 13.0846



23.1845, -20.1307, 3.2706



23.1845, 13.4584, -25.3288



23.1845, 26.7213, -0.9441

Sweetspot

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



23.1845, -12.9945, 13.0847



32.2371, -7.7101, 8.8389



17.2143, 6.9898, 9.4180



16.6019, -4.1728, 4.7752



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.



23.1845, -12.9945, 13.0847



29.6787, -19.0304, 17.9006



22.1462, -17.2432, 12.3249



13.0013, -1.5116, 1.7109



31.3254, -20.2685, 18.9477



76.9784, -51.4994, 46.5322

Inverse Universe

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



11.0462, 16.5732, -26.7377



11.6107, 26.4448, -46.8799



14.3914, 22.8468, -16.7019



12.2524, 0.1917, -0.4077



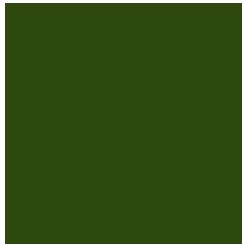
12.0908, 28.2277, -50.4959



28.9414, 68.7159, -129.7690

Previews

White Background



This preview shows how the HunterLab color 23.1840, -12.9940, 13.0846 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

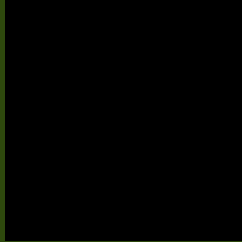
Any Text WCAG AA × Fail

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 23.1840, -12.9940, 13.0846 Background



This preview shows how black text looks on a background with the HunterLab color 23.1840, -12.9940, 13.0846.



This preview shows how white text looks on a background with the HunterLab color 23.1840,

-12.9940, 13.0846.

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

23.1840, -12.9940, 13.0846

Protanopia

23.1871, -3.3746, 13.4192

Deuteranopia

22.9915, 1.0666, 12.5972



Tritanopia

23.2369, -3.8611, -1.8323

Trichromacy



Original Color

23.1840, -12.9940, 13.0846

Protanomaly

23.1793, -7.3820, 13.2640

Deuteranomaly

22.8081, -4.6681, 12.5940

Tritanomaly

23.0719, -8.2459, 6.0240

Monochromacy



Original Color

23.1840, -12.9940, 13.0846

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.2284, -5.8973, 6.8597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1840, -12.9940, 13.0846 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(46, 73, 13)` looks like.

```
.text, #text, p{  
    color:rgb(46, 73, 13)  
}
```

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(46, 73, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 73, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1840, -12.9940, 13.0846 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(46, 73, 13) }
```


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

```
.border{ border-color:rgb(46, 73, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 73, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 73, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 73, 13);  
box-shadow:4px 4px 4px 4px rgb(46, 73, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.1840, -12.9940, 13.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 73, 13) }
```

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

```
.background{ background-color: rgb(46, 73,  
13) }
```

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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