

Converting Colors

HunterLab(23.2646, -0.7698,
11.5222)

Have a look what the booklet for
HunterLab(23.2646, -0.7698,
11.5222) contains.

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Color

**HunterLab(23.1740, -0.6174,
11.4581)**

Conversions

Conversions Part 1

Format	Color
Hex	4E401C
RGB	78, 64, 28
RGB Percent	31%, 25%, 11%
CMY	0.6941, 0.7490, 0.8902
CMYK	0.00, 0.18, 0.64, 0.69
HSL	43°, 47%, 21%
HSV	43°, 64%, 31%
XYZ	5.1849, 5.3703, 1.8619
YIQ	64.0820, 19.9000, -8.2280

Conversions

Conversions Part 2

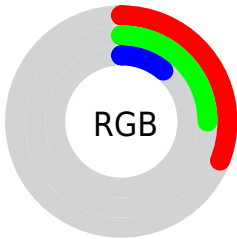
Format	Color
RYB	47, 78, 28
Decimal	5128220
CIELab	27.77, 0.99, 23.93
CIELCh	28, 23.951, 87.642
Yxy	5.3706, 0.4176, 0.4325
Android (android.graphics.Color)	4283318300 (0xFF4E401C)
YUV	64.0820, -17.7884, 12.2061
Hunter-Lab	23.1740, -0.6174, 11.4581

Details

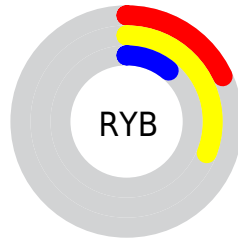
The HunterLab color **23.1740, -0.6174, 11.4581** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.6614, 3.1604, -17.5807**, and the grayscale version is **22.7269, -1.2126, 1.2348**.

A 20% lighter version of the original color is **40.9103, -1.5634, 16.0461**, and **9.3012, 0.0733, 5.7326** is the 20% darker color. If you saturate the color by 10%, you get **22.5754, -0.1094, 12.1460**, and if you desaturate by 10%, it is **23.7993, -1.0247, 10.5285**.

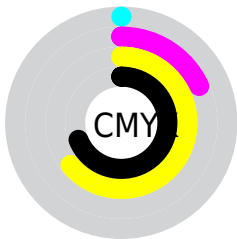
Distribution



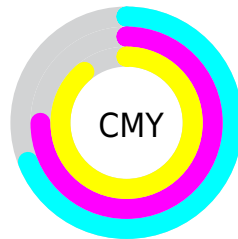
- Red (31%)
- Green (25%)
- Blue (11%)



- Red (18%)
- Yellow (31%)
- Blue (11%)



- Cyan (0%)
- Magenta (18%)
- Yellow (64%)
- Black (69%)



- Cyan (69%)
- Magenta (75%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1740, -0.6174, 11.4581 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 23.1740, -0.6174, 11.4581 by changing the saturation by 10% instead.

■ 23.1740, -0.6174,
11.4581

■ 23.1740, -0.6174,
11.4581

■ 123.8310, -5.5348,
29.1319

■ 15.7045, -0.2939,
9.2247

■ 40.7560, -1.4304,
15.9310

■ 9.2720, -0.0321,
6.4904

■ 50.7100, -1.9060,
17.9804

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.3636, -2.4227,
19.9493

0.0000, NaN, NaN

■ 72.6738, -2.9774,
21.8581

0.0000, NaN, NaN

■ 84.6044, -3.5679,
23.7212

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.1246, -4.1920,

25.5495

0.0000, NaN, NaN

110.2079, -4.8482,
27.3509

23.1740, -0.6174,
11.4581

23.1740, -0.6174,
11.4581

22.5754, -0.1094,
12.1460

23.7993, -1.0247,
10.5285

22.0019, 0.4997,
12.5938

24.4493, -1.3278,
9.3586

21.4496, 1.1814,
12.8726

25.1240, -1.5285,
7.9534

21.1279, 1.5850,
13.0467

25.8228, -1.6285,
6.3202

26.5450, -1.6305,
4.4672

■ 27.2898, -1.5375,
2.4041

■ 28.0565, -1.3532,
0.1408

■ 28.8443, -1.0813,
-2.3125

■ 29.6523, -0.7259,
-4.9456

Harmonies

Analogous

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



23.1746, 7.3342, 10.3570



23.1740, -0.6174, 11.4581



23.1746, -7.7843, 10.6655

Triad

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



23.1746, -0.6183, 11.4583



23.1746, -13.0679, -6.3688



23.1746, 12.8174, -7.7316

Complementary

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



23.1740, -0.6174, 11.4581



15.6614, 3.1604, -17.5807

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.



23.1746, 6.1272, -15.2393



23.1740, -0.6174, 11.4581



23.1746, -8.7205, -14.2869

Square

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



23.1746, -0.6183, 11.4583



23.1746, -14.3827, 1.8400



23.1746, -1.8508, -17.9634



23.1746, 15.7033, 0.6676

Rectangle

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



23.1740, -0.6174, 11.4581



23.1746, -11.2981, 8.9534



23.1746, -1.8508, -17.9634



23.1746, 10.8989, -10.5358

Sweetspot

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



23.1746, -0.6183, 11.4583



34.5173, -2.1675, 7.3063



16.1822, 15.5619, 2.1604



17.1547, -1.0803, 3.8364



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.1746, -0.6183, 11.4583



29.3728, 0.3033, 16.4192



25.9457, -9.2162, 13.3156



13.6715, -0.8072, 1.7068



27.6559, 2.5354, 17.0858



66.1369, 8.3395, 40.8993

Inverse Universe

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



15.6614, 3.1604, -17.5807



17.4873, 7.3463, -31.7150



13.4489, 11.2497, -23.2912



13.1162, -0.5881, -0.3131



13.4774, 13.8540, -46.7524



30.6271, 40.0050, -124.6406

Previews

White Background



This preview shows how the HunterLab color 23.1740, -0.6174, 11.4581 looks on a white background.

Color Contrast Check

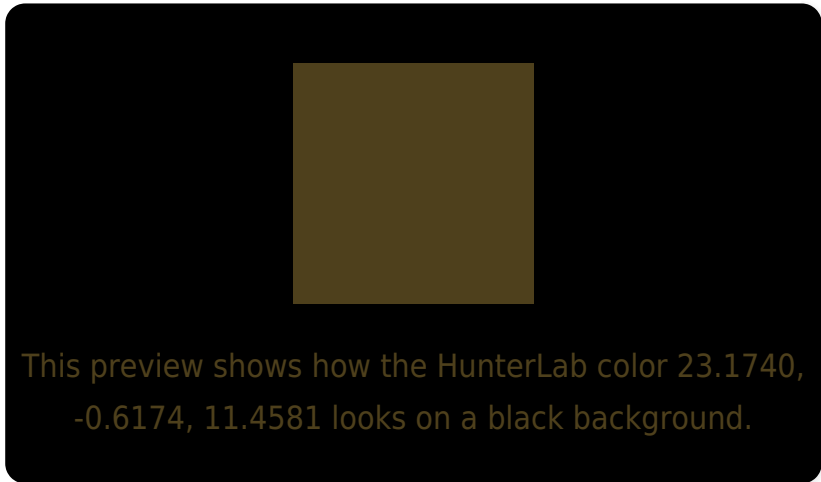
Large Text (above 18pt) WCAG AA ✓ Pass

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

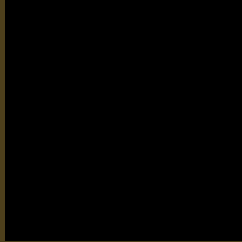
Any Text WCAG AA × Fail

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 23.1740, -0.6174, 11.4581 Background



This preview shows how black text looks on a background with the HunterLab color 23.1740, -0.6174, 11.4581.

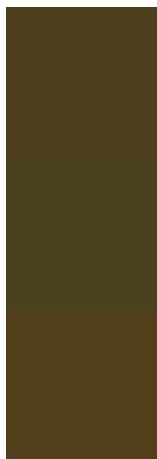


This preview shows how white text looks on a background with the HunterLab color 23.1740, -0.6174, 11.4581.

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

23.1740, -0.6174, 11.4581

Protanopia

23.2414, -2.9035, 11.3050

Deuteranopia

23.3081, 1.0769, 11.5866



Tritanopia

23.1575, 5.4402, 1.5607

Trichromacy



Original Color

23.1740, -0.6174, 11.4581

Protanomaly

23.1628, -1.8976, 11.2642

Deuteranomaly

23.2125, 0.7529, 11.5105

Tritanomaly

23.0019, 3.1793, 5.8552

Monochromacy



Original Color

23.1740, -0.6174, 11.4581

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.7399, -1.4478, 5.8208

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1740, -0.6174, 11.4581 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(78, 64, 28)` looks like.

```
.text, #text, p{  
    color:rgb(78, 64, 28)  
}
```

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(78, 64, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 64, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1740, -0.6174, 11.4581 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(78, 64, 28) }
```


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

```
.border{ border-color:rgb(78, 64, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 64, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 64, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 64, 28);  
box-shadow:4px 4px 4px 4px rgb(78, 64, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.1740, -0.6174, 11.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 64, 28) }
```

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

```
.background{ background-color: rgb(78, 64,  
28) }
```

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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