

Converting Colors

HunterLab(21.8032, -29.3557,
15.2622)

Have a look what the booklet for
HunterLab(21.8032, -29.3557,
15.2622) contains.

HunterLab(23.6473, -20.2776, 14.2164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(23.6473,
-20.2776, 14.2164)**

Conversions

Conversions Part 1

Format	Color
Hex	004F00
RGB	0, 79, 0
RGB Percent	0%, 31%, 0%
CMY	1.0000, 0.6902, 1.0000
CMYK	1.00, 0.00, 1.00, 0.69
HSL	120°, 100%, 15%
HSV	120°, 100%, 31%
XYZ	2.7960, 5.5919, 0.9320
YIQ	46.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

Format	Color
RYB	0, 79, 79
Decimal	20224
CIELab	28.36, -36.85, 35.56
CIELCh	28, 51.214, 136.021
Yxy	5.5922, 0.3000, 0.6000
Android (android.graphics.Color)	4278210304 (0xFF004F00)
YUV	46.3730, -22.8619, -40.6691
Hunter-Lab	23.6473, -20.2776, 14.2164

Details

The HunterLab color $[23.6473, -20.2776, 14.2164]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[14.9226, 29.3381, -19.6805]$, and the grayscale version is $[16.7312, -0.8927, 0.9090]$.

A 20% lighter version of the original color is $[41.2668, -26.5303, 20.4641]$, and $[11.2328, -9.6321, 6.7530]$ is the 20% darker color. If you saturate the color by 10%, you get $[23.6478, -20.2779, 14.2165]$, and if you desaturate by 10%, it is $[23.7918, -19.5909, 13.7519]$.

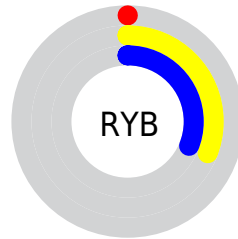
Distribution



Red (0%)

Green (31%)

Blue (0%)



Red (0%)

Yellow (31%)

Blue (31%)

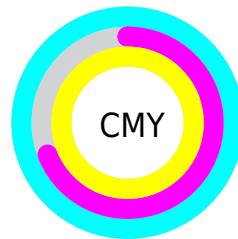


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (69%)



Cyan (100%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6473, -20.2776, 14.2164 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 23.6473, -20.2776, 14.2164 by changing the saturation by 10% instead.

■ 23.6473, -20.2776,
14.2164

■ 23.6473, -20.2776,
14.2164

■ 124.6565,
-44.5182, 38.4495

■ 16.1206, -16.6191,
11.2844

■ 41.3267, -26.6031,
20.5581

■ 9.6230, -16.8403,
6.7361

■ 51.3235, -29.4562,
23.4248

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0173, -32.1717,
26.1481

0.0000, NaN, NaN

■ 73.3652, -34.7806,
28.7583

0.0000, NaN, NaN

■ 85.3316, -37.3051,
31.2782

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.8860, -39.7616,

33.7249

0.0000, NaN, NaN

■ 111.0020,
-42.1627, 36.1118

■ 23.6473, -20.2776,
14.2164

■ 23.6473, -20.2776,
14.2164

■ 23.6478, -20.2779,
14.2165

■ 23.7918, -19.5909,
13.7519

■ 23.9529, -18.8276,
13.2357

■ 24.1815, -17.7551,
12.5105

■ 24.4848, -16.3500,
11.5604

■ 24.8660, -14.6117,
10.3851

■ 25.3270, -12.5495,
8.9911

■ 25.8683, -10.1810,
7.3902

■ 26.4891, -7.5299,
5.5986

■ 27.1879, -4.6237,
3.6349

Harmonies

Analogous

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



23.6478, -9.5191, 16.5535



23.6473, -20.2776, 14.2164



23.6478, -25.1205, 7.5619

Triad

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



23.6478, -20.2779, 14.2165



23.6478, -8.5580, -51.9993



23.6478, 38.3862, 8.2834

Complementary

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



23.6473, -20.2776, 14.2164



14.9226, 29.3381, -19.6805

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.



23.6478, 38.8572, -7.3843



23.6473, -20.2776, 14.2164



23.6478, 8.3085, -51.2324

Square

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



23.6478, -20.2779, 14.2165



23.6478, -19.7441, -33.1234



23.6478, 26.6948, -31.4459



23.6478, 25.5457, 14.4427

Rectangle

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



23.6473, -20.2776, 14.2164



23.6478, -25.5424, -2.1608



23.6478, 26.6948, -31.4459



23.6478, 40.0969, 4.2833

Sweetspot

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



23.6478, -20.2779, 14.2165



33.6417, -13.6156, 9.8661



26.9342, -7.2343, 16.4701



16.7119, -7.1461, 5.1611



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.



23.6478, -20.2779, 14.2165



30.8265, -26.4337, 18.5322



23.9625, -18.3157, 9.5873



13.6659, -2.1047, 1.6779



75.0438, -64.3500, 45.1149

Inverse Universe

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



14.9226, 29.3381, -19.6805



19.4526, 38.2442, -25.6549



13.4616, 24.1664, 0.0712



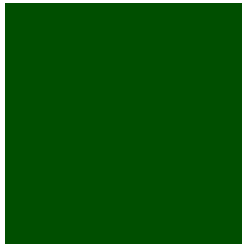
13.1412, 0.7293, -0.2587



47.3551, 93.1012, -62.4536

Previews

White Background



This preview shows how the HunterLab color 23.6473, -20.2776, 14.2164 looks on a white background.

Color Contrast Check

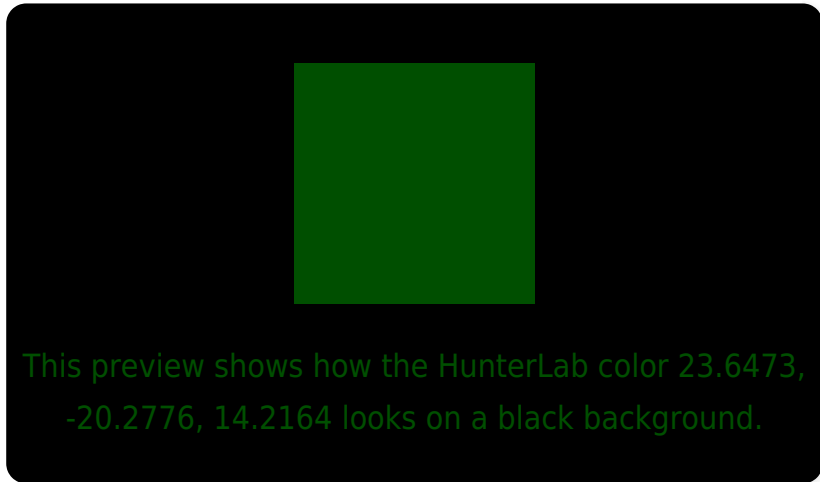
Large Text (above 18pt) WCAG AA ✓ Pass

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

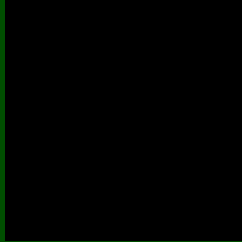
Any Text WCAG AA × Fail

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 23.6473, -20.2776, 14.2164 Background



This preview shows how black text looks on a background with the HunterLab color 23.6473, -20.2776, 14.2164.



This preview shows how white text looks on a background with the HunterLab color 23.6473,

-20.2776, 14.2164.

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

23.6473, -20.2776, 14.2164

Protanopia

23.8133, -3.8374, 14.6065

Deuteranopia

23.7456, 1.1493, 13.3279



Tritanopia

23.7759, -8.4165, -3.9430

Trichromacy



Original Color

23.6473, -20.2776, 14.2164

Protanomaly

22.9415, -12.6329, 13.9153

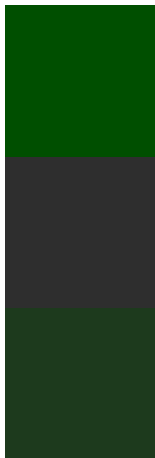
Deuteranomaly

22.5048, -9.9583, 12.8589

Tritanomaly

23.2849, -14.6764, 6.4074

Monochromacy



Original Color

23.6473, -20.2776, 14.2164

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

18.3740, -10.3785, 7.3894

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6473, -20.2776, 14.2164 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(0, 79, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 0)  
}
```

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(0, 79, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6473, -20.2776, 14.2164 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(0, 79, 0) }
```

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

```
.border{ border-color:rgb(0, 79, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 79, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 79, 0); box-shadow:4px  
4px 4px 4px rgb(0, 79, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6473, -20.2776, 14.2164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 0) }
```

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

```
.background{ background-color: rgb(0, 79,  
0) }
```

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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