

Converting Colors

HunterLab(23.6937, -20.0937,
13.7673)

Have a look what the booklet for
HunterLab(23.6937, -20.0937,
13.7673) contains.

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Color

**HunterLab(23.6797,
-20.0741, 13.7366)**

Conversions

Conversions Part 1

Format	Color
Hex	004F07
RGB	0, 79, 7
RGB Percent	0%, 31%, 3%
CMY	1.0000, 0.6902, 0.9725
CMYK	1.00, 0.00, 0.91, 0.69
HSL	125°, 100%, 15%
HSV	125°, 100%, 31%
XYZ	2.8343, 5.6073, 1.1339
YIQ	47.1710, -23.9720, -39.1400

Conversions

Conversions Part 2

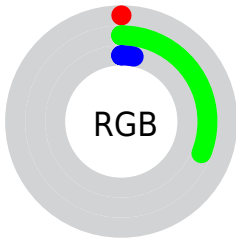
Format	Color
RYB	0, 73, 79
Decimal	20231
CIELab	28.40, -36.33, 32.87
CIELCh	28, 48.992, 137.855
Yxy	5.6075, 0.2960, 0.5856
Android (android.graphics.Color)	4278210311 (0xFF004F07)
YUV	47.1710, -19.8043, -41.3690
Hunter-Lab	23.6797, -20.0741, 13.7366

Details

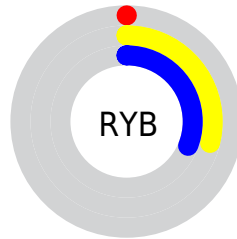
The HunterLab color **23.6797, -20.0741, 13.7366** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **14.5952, 28.2001, -15.4173**, and the grayscale version is **16.9865, -0.9064, 0.9229**.

A 20% lighter version of the original color is **41.3231, -26.1889, 19.6366**, and **11.2328, -9.6321, 6.7530** is the 20% darker color. If you saturate the color by 10%, you get **23.6802, -20.0744, 13.7367**, and if you desaturate by 10%, it is **23.8231, -19.3949, 13.2881**.

Distribution



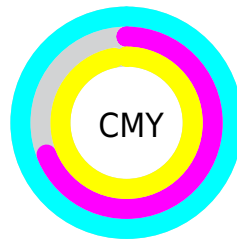
- Red (0%)
- Green (31%)
- Blue (3%)



- Red (0%)
- Yellow (29%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (91%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6797, -20.0741, 13.7366 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 23.6797, -20.0741, 13.7366 by changing the saturation by 10% instead.

■ 23.6797, -20.0741,
13.7366

■ 23.6797, -20.0741,
13.7366

■ 124.7128,
-44.0200, 36.4227

■ 16.1491, -16.4689,
11.3044

■ 41.3657, -26.3132,
19.6413

■ 9.6470, -16.8823,
6.7529

■ 51.3654, -29.1297,
22.3148

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0620, -31.8117,
24.8595

0.0000, NaN, NaN

■ 73.4125, -34.3895,
27.3035

0.0000, NaN, NaN

■ 85.3813, -36.8849,
29.6678

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9380, -39.3141,

31.9681

0.0000, NaN, NaN

■ 111.0562,
-41.6893, 34.2166

■ 23.6797, -20.0741,
13.7366

■ 23.6797, -20.0741,
13.7366

■ 23.6802, -20.0744,
13.7367

■ 23.8231, -19.3949,
13.2881

■ 23.9921, -18.5839,
12.6565

■ 24.2270, -17.4750,
11.8406

■ 24.5338, -16.0516,
10.8412

■ 24.9154, -14.3149,
9.6630

■ 25.3734, -12.2748,
8.3153

■ 25.9082, -9.9486,
6.8112

■ 26.5191, -7.3586,
5.1658

■ 27.2046, -4.5306,
3.3961

Harmonies

Analogous

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



23.6802, -10.0021, 16.1678



23.6797, -20.0741, 13.7366



23.6802, -24.5095, 6.6698

Triad

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



23.6802, -20.0744, 13.7367



23.6802, -7.4126, -49.1026



23.6802, 35.8409, 8.6380

Complementary

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



23.6797, -20.0741, 13.7366



14.5952, 28.2001, -15.4173

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.



23.6802, 37.0781, -5.7546



23.6797, -20.0741, 13.7366



23.6802, 8.9577, -47.1226

Square

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



23.6802, -20.0744, 13.7367



23.6802, -18.6156, -32.4338



23.6802, 26.2295, -28.0740



23.6802, 23.1987, 14.3636

Rectangle

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



23.6797, -20.0741, 13.7366



23.6802, -24.7339, -3.0836



23.6802, 26.2295, -28.0740



23.6802, 37.7066, 4.9598

Sweetspot

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



23.6802, -20.0744, 13.7367



33.6949, -13.3056, 9.0949



26.4311, -9.1116, 16.1272



16.7395, -6.9846, 4.7604



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.



23.6802, -20.0744, 13.7367



30.8586, -26.2321, 18.0569



24.0626, -17.6973, 8.1272



13.6732, -2.0641, 1.5736



75.0783, -64.1336, 44.6047

Inverse Universe

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



14.5952, 28.2001, -15.4173



19.0115, 36.7107, -19.9089



13.3104, 23.6159, 2.2331



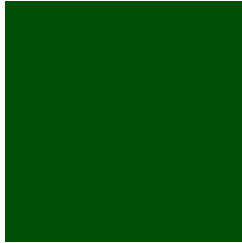
13.1328, 0.6844, -0.1403



46.2078, 89.1112, -47.4970

Previews

White Background



This preview shows how the HunterLab color 23.6797, -20.0741, 13.7366 looks on a white background.

Color Contrast Check

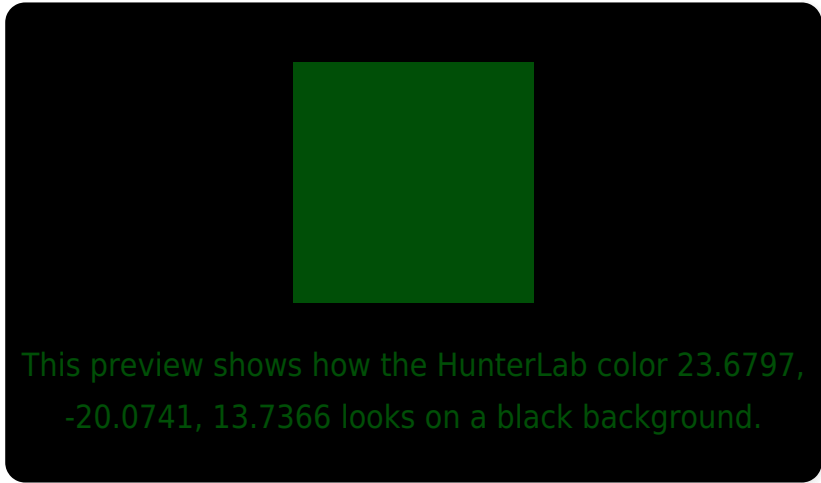
Large Text (above 18pt) WCAG AA ✓ Pass

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

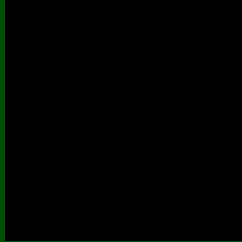
Any Text WCAG AA × Fail

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 23.6797, -20.0741, 13.7366 Background



This preview shows how black text looks on a background with the HunterLab color 23.6797, -20.0741, 13.7366.



This preview shows how white text looks on a background with the HunterLab color 23.6797,

-20.0741, 13.7366.

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

23.6797, -20.0741, 13.7366

Protanopia

23.8133, -3.8374, 14.6065

Deuteranopia

23.7524, 1.1855, 13.2284



Tritanopia

23.7759, -8.4165, -3.9430

Trichromacy



Original Color

23.6797, -20.0741, 13.7366

Protanomaly

22.9558, -12.5473, 13.7031

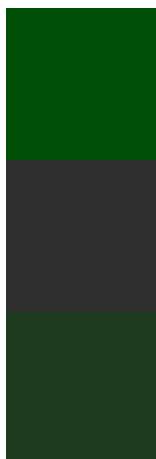
Deuteranomaly

22.5216, -9.8601, 12.6113

Tritanomaly

23.3423, -14.3294, 5.5773

Monochromacy



Original Color

23.6797, -20.0741, 13.7366

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

18.7303, -10.2862, 7.0358

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6797, -20.0741, 13.7366 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, 7)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 7)  
}
```

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, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6797, -20.0741, 13.7366 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, 7) }
```

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

```
.border{ border-color:rgb(0, 79, 7) }
```

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, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 79, 7); box-shadow:4px  
4px 4px 4px rgb(0, 79, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6797, -20.0741, 13.7366 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, 7) }
```

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

```
.background{ background-color: rgb(0, 79,  
7) }
```

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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