

Converting Colors

HunterLab(31.0882, 23.4056,
-89.3835)

Have a look what the booklet for
HunterLab(31.0882, 23.4056,
-89.3835) contains.

HunterLab(31.0924, 23.3951, -89.3661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(31.0924, 23.3951,
-89.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	004DCC
RGB	0, 77, 204
RGB Percent	0%, 30%, 80%
CMY	0.9998, 0.6980, 0.2000
CMYK	1.00, 0.62, 0.00, 0.20
HSL	217°, 100%, 40%
HSV	217°, 100%, 80%
XYZ	13.5529, 9.6674, 58.2783
YIQ	68.4550, -86.6590, 23.1730

Conversions

Conversions Part 2

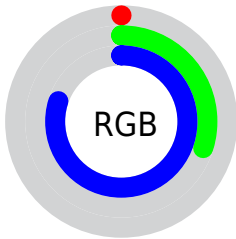
Format	Color
RYB	0, 56, 204
Decimal	19916
CIELab	37.24, 31.74, -70.59
CIELCh	37, 77.402, 294.211
Yxy	9.6676, 0.1663, 0.1186
Android (android.graphics.Color)	4278209996 (0xFF004DCC)
YUV	68.4550, 66.8237, -60.0350
Hunter-Lab	31.0924, 23.3951, -89.3661

Details

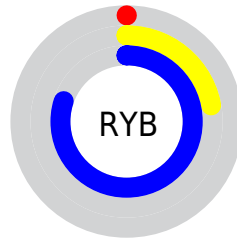
The HunterLab color **31.0924, 23.3951, -89.3661** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **52.9420, 16.9213, 32.9173**, and the grayscale version is **24.0017, -1.2807, 1.3041**.

A 20% lighter version of the original color is **49.5949, 23.4841, -82.1309**, and **18.3630, 26.4399, -80.0283** is the 20% darker color. If you saturate the color by 10%, you get **31.0858, 23.4117, -89.3937**, and if you desaturate by 10%, it is **34.3151, 17.0800, -77.2608**.

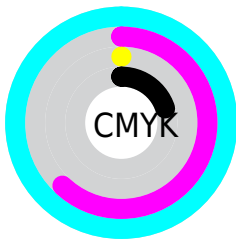
Distribution



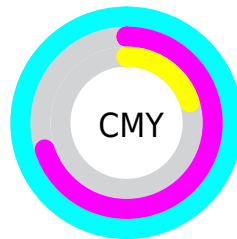
- Red (0%)
- Green (30%)
- Blue (80%)



- Red (0%)
- Yellow (22%)
- Blue (80%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (70%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0924, 23.3951, -89.3661 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 31.0924, 23.3951, -89.3661 by changing the saturation by 10% instead.

■ 31.0924, 23.3951,
-89.3661

■ 31.0924, 23.3951,
-89.3661

■ 137.2161, 30.4547,
-92.2763

■ 22.7576, 22.0626,
-92.4922

■ 50.1680, 25.6633,
-87.6120

■ 15.3386, 20.5924,
-99.3413

■ 60.7860, 26.6178,
-87.7528

■ 8.9521, 19.1336,
-115.8879

■ 72.0626, 27.4683,
-88.2172

0.0000, INF, -NF

0.0000, NaN, -NF

■ 83.9613, 28.2246,
-88.8774

0.0000, NaN, -NF

■ 96.4511, 28.8948,
-89.6555

0.0000, NaN, -NF

109.5054, 29.4860,

0.0000, NaN, NaN

-90.5014

0.0000, NaN, NaN

123.1006, 30.0042,
-91.3824

■ 31.0924, 23.3951,
-89.3661

■ 31.0924, 23.3951,
-89.3661

■ 31.0858, 23.4117,
-89.3937

■ 34.3151, 17.0800,
-77.2608

■ 37.9611, 11.6183,
-65.6295

■ 42.0068, 7.1479,
-54.6217

■ 46.3969, 3.6087,
-44.3490

■ 51.0822, 0.8910,
-34.8139

■ 56.0209, -1.1241,
-25.9604

■ 61.1792, -2.5475,
-17.7091

■ 66.5293, -3.4748,
-9.9765

■ 72.0488, -3.9859,
-2.6842

Harmonies

Analogous

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



31.0927, -6.8638, -103.0593



31.0924, 23.3951, -89.3661



31.0927, 54.5657, -45.0527

Triad

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



31.0927, 23.3971, -89.3654



31.0927, 36.1174, 21.5757



31.0927, -38.9392, 6.3910

Complementary

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



31.0924, 23.3951, -89.3661



52.9420, 16.9213, 32.9173

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.



31.0927, -34.1935, 19.1509



31.0924, 23.3951, -89.3661



31.0927, 3.9087, 21.7649

Square

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



31.0927, 23.3971, -89.3654



31.0927, 63.5346, 16.1451



31.0927, -20.6626, 21.7649



31.0927, -36.9034, -27.1621

Rectangle

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



31.0924, 23.3951, -89.3661



31.0927, 68.1785, -15.5365



31.0927, -20.6626, 21.7649



31.0927, -38.1575, 12.5813

Sweetspot

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



31.0927, 23.3971, -89.3654



78.4515, -3.2161, -23.2150



66.8490, -49.3024, 22.8768



34.9708, -1.1597, -12.8036

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.0927, 23.3971, -89.3654



39.5280, 31.3127, -117.0017



21.3375, 56.9603, -144.5920



33.9501, -1.8783, -1.0657



24.9962, 17.7562, -69.5735



6.8365, 1.5299, -11.8477

Inverse Universe

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



36.5708, 64.0866, 12.2740



47.0196, 82.3270, 16.3955



72.7420, -28.0060, 44.3319



33.5895, 1.7175, 1.3436



29.0409, 50.9515, 9.3235



6.7062, 11.9750, 0.5315

Previews

White Background



This preview shows how the HunterLab color 31.0924, 23.3951, -89.3661 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



This preview shows how the HunterLab color 31.0924, 23.3951, -89.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

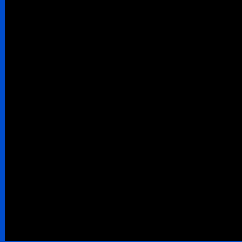
Any Text WCAG AA × Fail

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 31.0924, 23.3951, -89.3661 Background



This preview shows how black text looks on a background with the HunterLab color 31.0924, 23.3951, -89.3661.



This preview shows how white text looks on a background with the HunterLab color 31.0924, 23.3951, -89.3661.

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

31.0924, 23.3951, -89.3661

Protanopia

30.9112, 10.6170, -61.5552

Tritanopia

30.8685, -15.1443, -5.8908

Trichromacy



Original Color

31.0924, 23.3951, -89.3661

Protanomaly

30.7778, 15.2246, -71.3351

Tritanomaly

30.3410, -3.7386, -29.8530

Monochromacy



Original Color

31.0924, 23.3951, -89.3661

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.1086, 1.9876, -24.2339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0924, 23.3951, -89.3661 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, 77, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 204)  
}
```

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, 77, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0924, 23.3951, -89.3661 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, 77, 204) }
```

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

```
.border{ border-color:rgb(0, 77, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 77, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 204)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 31.0924, 23.3951, -89.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 204) }
```

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

```
.background{ background-color: rgb(0, 77,  
204) }
```

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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