

Converting Colors

HunterLab(30.5831, 24.0705,
-78.7125)

Have a look what the booklet for
HunterLab(30.5831, 24.0705,
-78.7125) contains.

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Color

**HunterLab(30.6206, 23.9064,
-78.4026)**

Conversions

Conversions Part 1

Format	Color
Hex	304AC1
RGB	48, 74, 193
RGB Percent	19%, 29%, 76%
CMY	0.8117, 0.7098, 0.2431
CMYK	0.75, 0.62, 0.00, 0.24
HSL	229°, 60%, 47%
HSV	229°, 75%, 76%
XYZ	13.2934, 9.3762, 51.5613
YIQ	79.7920, -53.6950, 31.4970

Conversions

Conversions Part 2

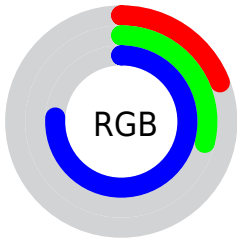
Format	Color
R_{YB}	48, 70, 193
Decimal	3164865
CIE _{Lab}	36.70, 32.39, -65.03
CIE _{LCh}	37, 72.650, 296.477
Yxy	9.3764, 0.1791, 0.1263
Android (android.graphics.Color)	4281354945 (0xFF304AC1)
YUV	79.7920, 55.8115, -27.8816
Hunter-Lab	30.6206, 23.9064, -78.4026

Details

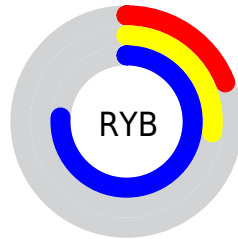
The HunterLab color **30.6206, 23.9064, -78.4026** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **62.6040, -5.9226, 35.8233**, and the grayscale version is **28.0677, -1.4976, 1.5250**.

A 20% lighter version of the original color is **49.4632, 26.3394, -77.4706**, and **16.7778, 24.6579, -74.2001** is the 20% darker color. If you saturate the color by 10%, you get **26.7385, 30.9492, -94.8553**, and if you desaturate by 10%, it is **35.1283, 17.8177, -63.1964**.

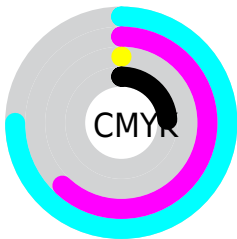
Distribution



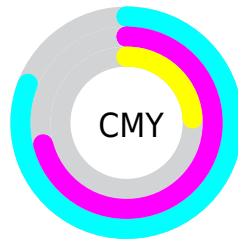
- Red (19%)
- Green (29%)
- Blue (76%)



- Red (19%)
- Yellow (27%)
- Blue (76%)



- Cyan (75%)
- Magenta (62%)
- Yellow (0%)
- Black (24%)



- Cyan (81%)
- Magenta (71%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.6206, 23.9064, -78.4026 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 30.6206, 23.9064, -78.4026 by changing the saturation by 10% instead.

■ 30.6206, 23.9064,
-78.4026

■ 30.6206, 23.9064,
-78.4026

■ 136.4411, 31.2423,
-82.5034

■ 22.3328, 22.5387,
-80.6740

■ 49.6143, 26.2435,
-77.4872

■ 14.9664, 21.0377,
-86.0105

■ 60.1956, 27.2311,
-77.8292

■ 8.6119, 19.7406,
-99.8808

■ 71.4376, 28.1134,
-78.4147

0.0000, INF, -NF

■ 83.3035, 28.9002,
-79.1413

0.0000, NaN, -NF

■ 95.7622, 29.5999,
-79.9464

0.0000, NaN, -NF

108.7866, 30.2195,

0.0000, NaN, NaN

-80.7908

0.0000, NaN, NaN

122.3532, 30.7653,
-81.6487

■ 30.6206, 23.9064,
-78.4026

■ 30.6206, 23.9064,
-78.4026

■ 26.7385, 30.9492,
-94.8553

■ 35.1283, 17.8177,
-63.1964

■ 23.6424, 38.5260,
-111.2810

■ 40.1251, 12.7078,
-49.6026

■ 22.4246, 42.0673,
-118.8402

■ 45.5091, 8.4532,
-37.5397

■ 51.2060, 4.8968,
-26.7788

■ 57.1616, 1.8965,
-17.0751

■ 63.3361, -0.6639,
-8.2135

■ 69.6997, -2.8752,
-0.0190

■ 76.2293, -4.8075,
7.6469

■ 82.9071, -6.5147,
14.8925

Harmonies

Analogous

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



30.6210, -4.6384, -93.4797



30.6206, 23.9064, -78.4026



30.6210, 51.9847, -37.7861

Triad

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



30.6210, 23.9079, -78.4017



30.6210, 31.0417, 21.0680



30.6210, -37.1956, 4.4394

Complementary

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



30.6206, 23.9064, -78.4026



62.6040, -5.9226, 35.8233

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.



30.6210, -33.0957, 17.9924



30.6206, 23.9064, -78.4026



30.6210, 1.4878, 21.4347

Square

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



30.6210, 23.9079, -78.4017



30.6210, 56.9749, 16.1668



30.6210, -20.8409, 21.4347



30.6210, -34.6992, -27.9061

Rectangle

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



30.6206, 23.9064, -78.4026



30.6210, 63.4620, -11.6230



30.6210, -20.8409, 21.4347



30.6210, -36.5916, 10.8106

Sweetspot

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



30.6210, 23.9079, -78.4017



77.9359, 1.8948, -20.6850



64.4495, -37.4229, 5.6843



34.7275, 1.5024, -11.6712



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



30.6210, 23.9079, -78.4017



33.0425, 47.7773, -140.9416



28.8803, 43.9707, -85.0108



31.6757, -0.9336, -1.6207



18.5193, 33.4862, -95.4346



4.8953, 3.8715, -14.4762

Inverse Universe

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



37.3453, 50.7253, 13.6147



46.2445, 76.1665, 23.3578



66.7568, -32.1906, 38.0871



31.7911, 1.3292, 2.0082



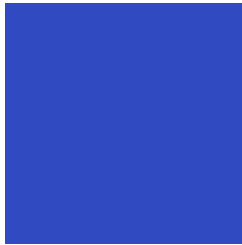
27.6197, 47.6170, 15.3857



5.8210, 10.1923, 2.0273

Previews

White Background



This preview shows how the HunterLab color 30.6206, 23.9064, -78.4026 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 30.6206, 23.9064, -78.4026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

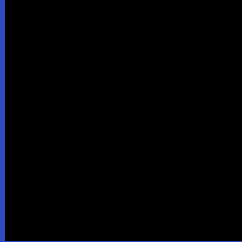
Any Text WCAG AA × Fail

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 30.6206, 23.9064, -78.4026 Background



This preview shows how black text looks on a background with the HunterLab color 30.6206, 23.9064, -78.4026.



This preview shows how white text looks on a background with the HunterLab color 30.6206, 23.9064, -78.4026.

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

30.6206, 23.9064, -78.4026

Protanopia

30.4658, 10.1446, -59.9790

Deuteranopia

30.3009, -0.0394, -37.7885



Tritanopia

30.2386, -14.6039, -6.2700

Trichromacy



Original Color

30.6206, 23.9064, -78.4026

Protanomaly

30.3873, 14.6295, -67.3691

Deuteranomaly

30.0979, 7.8648, -52.3831

Tritanomaly

29.4700, -3.0406, -28.0094

Monochromacy



Original Color

30.6206, 23.9064, -78.4026

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.3870, 4.1456, -20.2172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.6206, 23.9064, -78.4026 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(48, 74, 193)` looks like.

```
.text, #text, p{  
    color:rgb(48, 74, 193)  
}
```

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(48, 74, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 74, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 30.6206, 23.9064, -78.4026 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(48, 74, 193) }
```


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

```
.border{ border-color:rgb(48, 74, 193) }
```

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

Here you see how a box with a 4 pixel rgb(48, 74, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 74, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 74, 193);  
box-shadow:4px 4px 4px 4px rgb(48, 74,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.6206, 23.9064, -78.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 74, 193) }
```

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

```
.background{ background-color: rgb(48, 74,  
193) }
```

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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