

Converting Colors

HunterLab(46.3937, -4.0272,
-23.8103)

Have a look what the booklet for
HunterLab(46.3937, -4.0272,
-23.8103) contains.

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Color

**HunterLab(46.3584, -3.8391,
-24.0332)**

Conversions

Conversions Part 1

Format	Color
Hex	5983B0
RGB	89, 131, 176
RGB Percent	35%, 51%, 69%
CMY	0.6510, 0.4863, 0.3098
CMYK	0.49, 0.26, 0.00, 0.31
HSL	211°, 36%, 52%
HSV	211°, 49%, 69%
XYZ	20.0726, 21.4910, 44.1645
YIQ	123.5720, -39.4770, 5.0910

Conversions

Conversions Part 2

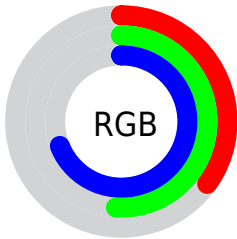
Format	Color
R _Y B	89, 117, 176
Decimal	5866416
CIE Lab	53.48, -1.74, -28.25
CIE LCh	53, 28.302, 266.475
Yxy	21.4918, 0.2341, 0.2507
Android (android.graphics.Color)	4284056496 (0xFF5983B0)
YUV	123.5720, 25.8470, -30.3196
Hunter-Lab	46.3584, -3.8391, -24.0332

Details

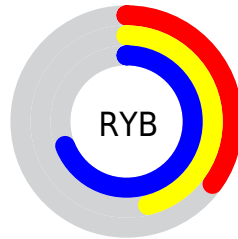
The HunterLab color $[46.3584, -3.8391, -24.0332]$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $[51.9638, 6.0474, 21.3411]$, and the grayscale version is $[44.6424, -2.3820, 2.4255]$.

A 20% lighter version of the original color is $[67.7841, -5.2989, -25.1017]$, and $[27.8778, -2.7611, -22.7237]$ is the 20% darker color. If you saturate the color by 10%, you get $[42.8762, -2.5452, -30.4232]$, and if you desaturate by 10%, it is $[50.0230, -4.5902, -17.9404]$.

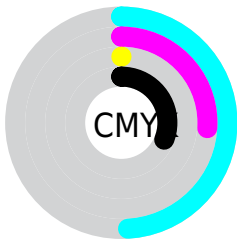
Distribution



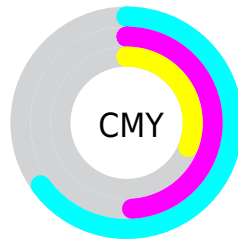
- Red (35%)
- Green (51%)
- Blue (69%)



- Red (35%)
- Yellow (46%)
- Blue (69%)



- Cyan (49%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (65%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3584, -3.8391, -24.0332 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 46.3584, -3.8391, -24.0332 by changing the saturation by 10% instead.

■ 46.3584, -3.8391,
-24.0332

■ 46.3584, -3.8391,
-24.0332

161.2082,
-10.6822, -26.7076

■ 36.7205, -3.2212,
-23.4806

■ 67.7529, -5.1676,
-25.0052

■ 27.8615, -2.6357,
-22.9182

■ 79.4219, -5.8759,
-25.4105

■ 19.8581, -2.0836,
-22.4168

■ 91.6931, -6.6121,
-25.7595

■ 12.8140, -1.5653,
-22.1767

■ 104.5383, -7.3753,
-26.0531

■ 6.2101, -1.5528,
-26.3845

117.9329, -8.1647,
-26.2927

0.0000, NaN, -NF

0.0000, NaN, NaN

131.8553, -8.9794,

-26.4803

0.0000, NaN, NaN

146.2862, -9.8188,
-26.6179

0.0000, NaN, NaN

■ 46.3584, -3.8391,
-24.0332

■ 46.3584, -3.8391,
-24.0332

■ 42.8762, -2.5452,
-30.4232

■ 50.0230, -4.5902,
-17.9404

■ 39.5955, -0.6356,
-37.1174

■ 53.8480, -4.8686,
-12.1301

■ 36.5404, 1.9557,
-44.0970

■ 57.8175, -4.7378,
-6.5768

■ 33.7335, 5.2717,
-51.3141

■ 61.9170, -4.2535,
-1.2535

■ 31.1683, 9.2303,
-58.7670

■ 66.1340, -3.4632,
3.8669

■ 31.0261, 9.4635,
-59.2088

■ 70.4580, -2.4073,
8.8097

■ 74.8798, -1.1197,
13.5980

■ 79.3917, 0.3710,
18.2526

■ 83.9867, 2.0407,
22.7915

Harmonies

Analogous

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



46.3593, -14.1597, -18.8703



46.3584, -3.8391, -24.0332



46.3593, 7.8890, -20.7616

Triad

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



46.3593, -3.8392, -24.0322



46.3593, 19.2193, 11.0186



46.3593, -19.6386, 12.7764

Complementary

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



46.3584, -3.8391, -24.0332



51.9638, 6.0474, 21.3411

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.



46.3593, -12.0037, 17.7781



46.3584, -3.8391, -24.0332



46.3593, 10.4930, 16.9522

Square

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



46.3593, -3.8392, -24.0322



46.3593, 21.9447, 1.2002



46.3593, -1.0971, 19.0948



46.3593, -22.6985, 3.8088

Rectangle

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



46.3584, -3.8391, -24.0332



46.3593, 14.8245, -14.5897



46.3593, -1.0971, 19.0948



46.3593, -17.5611, 14.8834

Sweetspot

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



46.3593, -3.8392, -24.0322



80.1444, -6.1626, -5.8341



59.0719, -31.0190, 13.2368



36.7842, -2.9235, -3.4069



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



46.3593, -3.8392, -24.0322



57.4678, -3.2970, -41.5037



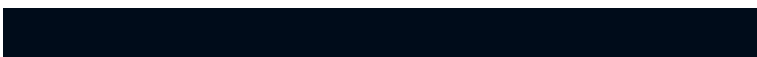
35.3221, 17.3745, -46.8765



29.8070, -2.0432, -0.5781



26.7937, 7.6685, -50.0438



5.8557, -0.6095, -6.0034

Inverse Universe

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



42.4433, 33.2795, -3.2608



52.2322, 54.7993, -4.3279



63.9017, -14.3197, 30.3554



29.2768, 1.5747, 0.8172



26.9534, 47.9859, 3.2513



4.9030, 8.9536, -1.1495

Previews

White Background



This preview shows how the HunterLab color 46.3584, -3.8391, -24.0332 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the HunterLab color 46.3584, -3.8391, -24.0332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

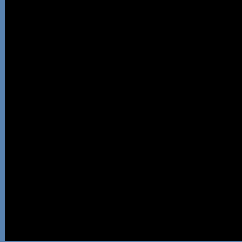
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 46.3584, -3.8391, -24.0332 Background



This preview shows how black text looks on a background with the HunterLab color 46.3584, -3.8391, -24.0332.

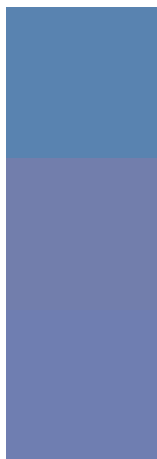


This preview shows how white text looks on a background with the HunterLab color 46.3584, -3.8391, -24.0332.

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

46.3584, -3.8391, -24.0332

Protanopia

46.3440, 3.0433, -21.3223

Deuteranopia

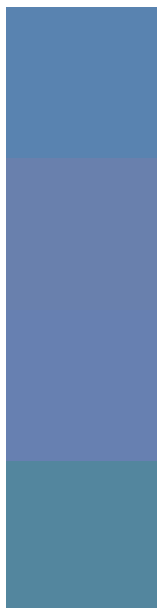
46.3417, 3.4580, -24.6009



Tritanopia

46.2822, -13.9673, -7.0876

Trichromacy



Original Color

46.3584, -3.8391, -24.0332

Protanomaly

46.3236, 0.1916, -22.0537

Deuteranomaly

46.3640, 0.6690, -24.6104

Tritanomaly

46.2145, -10.3324, -13.2036

Monochromacy



Original Color

46.3584, -3.8391, -24.0332

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.3226, -4.0794, -6.1389

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3584, -3.8391, -24.0332 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(89, 131, 176)` looks like.

```
.text, #text, p{  
    color:rgb(89, 131, 176)  
}
```

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(89, 131, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 131, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3584, -3.8391, -24.0332 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(89, 131, 176) }
```


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

```
.border{ border-color:rgb(89, 131, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 131, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 131, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 131, 176);  
box-shadow:4px 4px 4px 4px rgb(89, 131,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3584, -3.8391, -24.0332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 131, 176) }
```

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

```
.background{ background-color: rgb(89, 131,  
176) }
```

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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