

Converting Colors

HunterLab(31.5331, 3.9933,
-23.5979)

Have a look what the booklet for
HunterLab(31.5331, 3.9933,
-23.5979) contains.

HunterLab(31.5331, 3.9933, -23.5979)	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>	31

Color

**HunterLab(31.5331, 3.9933,
-23.5979)**

Conversions

Conversions Part 1

Format	Color
Hex	485787
RGB	72, 87, 135
RGB Percent	28%, 34%, 53%
CMY	0.7176, 0.6588, 0.4706
CMYK	0.47, 0.36, 0.00, 0.47
HSL	226°, 30%, 41%
HSV	226°, 47%, 53%
XYZ	10.4538, 9.9434, 24.2899
YIQ	87.9870, -24.3480, 11.7480

Conversions

Conversions Part 2

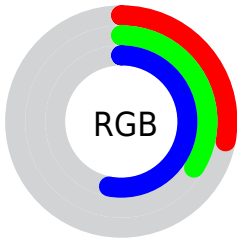
Format	Color
R_{YB}	72, 84, 135
Decimal	4740999
CIE _{Lab}	37.74, 7.92, -28.64
CIE _{LCh}	38, 29.716, 285.458
Yxy	9.9437, 0.2339, 0.2225
Android (android.graphics.Color)	4282931079 (0xFF485787)
YUV	87.9870, 23.1774, -14.0206
Hunter-Lab	31.5331, 3.9933, -23.5979

Details

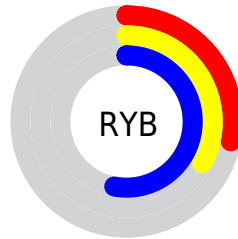
The HunterLab color $31.5331, 3.9933, -23.5979$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $43.6488, -3.2733, 18.5104$, and the grayscale version is $31.1588, -1.6626, 1.6929$.

A 20% lighter version of the original color is $50.8434, 3.8601, -24.7452$, and $15.6533, 3.8088, -22.8406$ is the 20% darker color. If you saturate the color by 10%, you get $28.1638, 6.3699, -30.7888$, and if you desaturate by 10%, it is $35.0810, 2.0411, -17.0874$.

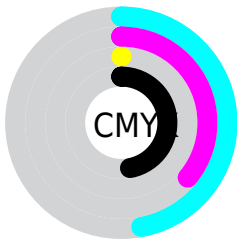
Distribution



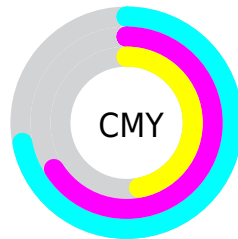
- Red (28%)
- Green (34%)
- Blue (53%)



- Red (28%)
- Yellow (33%)
- Blue (53%)



- Cyan (47%)
- Magenta (36%)
- Yellow (0%)
- Black (47%)



- Cyan (72%)
- Magenta (66%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.5331, 3.9933, -23.5979 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 31.5331, 3.9933, -23.5979 by changing the saturation by 10% instead.

■ 31.5331, 3.9933,
-23.5979

■ 31.5331, 3.9933,
-23.5979

■ 137.9384, 1.7227,
-27.0698

■ 23.1553, 3.9251,
-23.0568

■ 50.6849, 3.8827,
-24.7091

■ 15.6875, 3.7515,
-22.6764

■ 61.3369, 3.7257,
-25.2092

■ 9.2574, 3.4489,
-22.8759

■ 72.6456, 3.5107,
-25.6565

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.5746, 3.2432,
-26.0481

0.0000, NaN, NaN

■ 97.0935, 2.9274,
-26.3839

0.0000, NaN, NaN

110.1754, 2.5669,

0.0000, NaN, NaN

-26.6650

0.0000, NaN, NaN

123.7973, 2.1645,
-26.8930

■ 31.5331, 3.9933,
-23.5979

■ 31.5331, 3.9933,
-23.5979

■ 28.1638, 6.3699,
-30.7888

■ 35.0810, 2.0411,
-17.0874

■ 25.0081, 9.2611,
-38.7718

■ 38.7781, 0.4336,
-11.1440

■ 22.1151, 12.7515,
-47.6026

■ 42.6038, -0.8949,
-5.6629

■ 19.5469, 16.8782,
-57.1868

■ 46.5417, -1.9969,
-0.5566

■ 17.3618, 21.5117,
-67.2023

■ 50.5791, -2.9137,
4.2461

■ 16.7031, 23.0649,
-70.6680

■ 54.7058, -3.6777,
8.8024

■ 58.9134, -4.3147,
13.1583

■ 63.1952, -4.8450,
17.3504

■ 67.5455, -5.2850,
21.4084

Harmonies

Analogous

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



31.5337, -6.6891, -23.7362



31.5331, 3.9933, -23.5979



31.5337, 14.3731, -15.3437

Triad

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



31.5337, 3.9933, -23.5971



31.5337, 14.0960, 12.7283



31.5337, -19.2415, 6.2488

Complementary

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



31.5331, 3.9933, -23.5979



43.6488, -3.2733, 18.5104

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.



31.5337, -15.0581, 12.5959



31.5331, 3.9933, -23.5979



31.5337, 3.6537, 15.3986

Square

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



31.5337, 3.9933, -23.5971



31.5337, 20.7147, 6.5033



31.5337, -6.9865, 15.3600



31.5337, -19.1761, -3.9628

Rectangle

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



31.5331, 3.9933, -23.5979



31.5337, 19.3154, -7.5504



31.5337, -6.9865, 15.3600



31.5337, -18.3128, 8.8160

Sweetspot

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



31.5337, 3.9933, -23.5971



58.2390, -1.5694, -5.9300



44.7704, -19.8124, 4.0227



27.5485, -0.6110, -3.4950



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



31.5337, 3.9933, -23.5971



37.4317, 8.7319, -41.8005



29.0637, 14.8043, -28.5925



21.7057, -0.8316, -0.8456



16.0968, 21.9716, -67.5500



1.3700, 0.2815, -2.3200

Inverse Universe

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



32.3638, 20.7428, 3.7863



39.4054, 34.8612, 6.4146



46.6216, -14.6771, 20.6736



21.6923, 0.8343, 1.2183



22.0193, 38.1572, 10.7526



1.3336, 2.3836, 0.0884

Previews

White Background



This preview shows how the HunterLab color 31.5331, 3.9933, -23.5979 looks on a white background.

Color Contrast Check

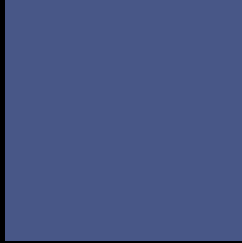
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5331, 3.9933, -23.5979 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

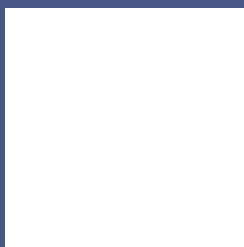
Any Text WCAG AAA × Fail

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

HunterLab 31.5331, 3.9933, -23.5979 Background



This preview shows how black text looks on a background with the HunterLab color 31.5331, 3.9933, -23.5979.



This preview shows how white text looks on a background with the HunterLab color 31.5331, 3.9933, -23.5979.

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

31.5331, 3.9933, -23.5979

Protanopia

31.5331, 3.9933, -23.5979

Deuteranopia

31.4992, 2.5511, -23.6904



Tritanopia

31.5739, -8.1148, -3.8059

Trichromacy



Original Color

31.5331, 3.9933, -23.5979

Protanomaly

31.5331, 3.9933, -23.5979

Deuteranomaly

31.6132, 2.9315, -23.4580

Tritanomaly

31.3571, -3.8219, -10.2844

Monochromacy



Original Color

31.5331, 3.9933, -23.5979

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.2941, -0.4676, -6.0456

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.5331, 3.9933, -23.5979 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(72, 87, 135)` looks like.

```
.text, #text, p{  
    color:rgb(72, 87, 135)  
}
```

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(72, 87, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 87, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 31.5331, 3.9933, -23.5979 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(72, 87, 135) }
```


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

```
.border{ border-color:rgb(72, 87, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 87, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 87, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 87, 135);  
box-shadow:4px 4px 4px 4px rgb(72, 87,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.5331, 3.9933, -23.5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 87, 135) }
```

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

```
.background{ background-color: rgb(72, 87,  
135) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor