

Converting Colors

HunterLab(31.5559, 2.9999,
-23.3295)

Have a look what the booklet for
HunterLab(31.5559, 2.9999,
-23.3295) contains.

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Color

**HunterLab(31.6132, 2.9315,
-23.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	455887
RGB	69, 88, 135
RGB Percent	27%, 35%, 53%
CMY	0.7294, 0.6549, 0.4706
CMYK	0.49, 0.35, 0.00, 0.47
HSL	223°, 32%, 40%
HSV	223°, 49%, 53%
XYZ	10.3172, 9.9939, 24.3069
YIQ	87.6770, -26.4110, 10.5890

Conversions

Conversions Part 2

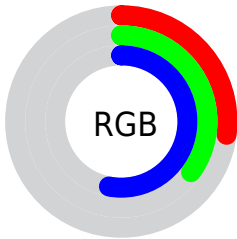
Format	Color
R_{YB}	69, 84, 135
Decimal	4544647
CIE _{Lab}	37.83, 6.48, -28.51
CIE _{LCh}	38, 29.239, 282.804
Yxy	9.9943, 0.2312, 0.2240
Android (android.graphics.Color)	4282734727 (0xFF455887)
YUV	87.6770, 23.3302, -16.3797
Hunter-Lab	31.6132, 2.9315, -23.4580

Details

The HunterLab color $31.6132, 2.9315, -23.4580$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.5111, -1.7044, 18.3122$, and the grayscale version is $31.0450, -1.6565, 1.6867$.

A 20% lighter version of the original color is $50.9078, 2.6335, -24.6560$, and $15.7385, 2.9063, -22.6277$ is the 20% darker color. If you saturate the color by 10%, you get $28.4250, 5.0683, -30.2073$, and if you desaturate by 10%, it is $34.9705, 1.2203, -17.2925$.

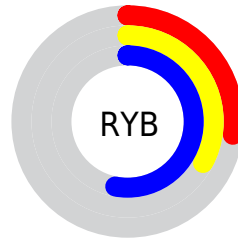
Distribution



Red (27%)

Green (35%)

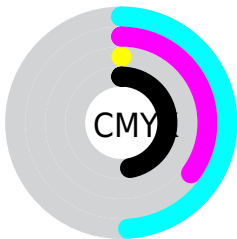
Blue (53%)



Red (27%)

Yellow (33%)

Blue (53%)

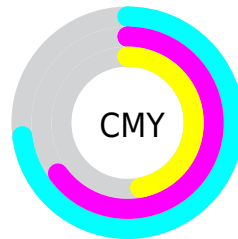


Cyan (49%)

Magenta (35%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (65%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6132, 2.9315, -23.4580 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 31.6132, 2.9315, -23.4580 by changing the saturation by 10% instead.

■ 31.6132, 2.9315,
-23.4580

■ 31.6132, 2.9315,
-23.4580

■ 138.0693, 0.0474,
-26.8988

■ 23.2275, 2.9547,
-22.9160

■ 50.7787, 2.6580,
-24.5650

■ 15.7510, 2.8816,
-22.5291

■ 61.4369, 2.4271,
-25.0617

■ 9.3117, 2.6875,
-22.7026

■ 72.7513, 2.1422,
-25.5053

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.6859, 1.8081,
-25.8931

0.0000, NaN, NaN

■ 97.2100, 1.4287,
-26.2249

0.0000, NaN, NaN

110.2969, 1.0071,

0.0000, NaN, NaN

-26.5020

0.0000, NaN, NaN

123.9236, 0.5459,
-26.7260

■ 31.6132, 2.9315,
-23.4580

■ 31.6132, 2.9315,
-23.4580

■ 28.4250, 5.0683,
-30.2073

■ 34.9705, 1.2203,
-17.2925

■ 25.4363, 7.7139,
-37.6203

■ 38.4701, -0.1404,
-11.6244

■ 22.6885, 10.9467,
-45.7275

■ 42.0934, -1.2133,
-6.3697

■ 20.2323, 14.8075,
-54.4456

■ 45.8250, -2.0492,
-1.4558

■ 18.0887, 19.1509,
-63.6507

■ 49.6529, -2.6890,
3.1780

■ 17.8641, 19.6396,
-64.7249

■ 53.5671, -3.1651,
7.5816

■ 57.5598, -3.5035,
11.7958

■ 61.6243, -3.7252,
15.8538

■ 65.7551, -3.8469,
19.7824

Harmonies

Analogous

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



31.6138, -7.4625, -22.8065



31.6132, 2.9315, -23.4580



31.6138, 13.3022, -15.9535

Triad

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



31.6138, 2.9315, -23.4572



31.6138, 14.6055, 12.2216



31.6138, -18.8201, 6.9087

Complementary

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



31.6132, 2.9315, -23.4580



42.5111, -1.7044, 18.3122

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.



31.6138, -14.3199, 12.8534



31.6132, 2.9315, -23.4580



31.6138, 4.5322, 15.1578

Square

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



31.6138, 2.9315, -23.4572



31.6138, 20.6125, 5.7038



31.6138, -6.0576, 15.3431



31.6138, -19.1304, -2.8590

Rectangle

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



31.6132, 2.9315, -23.4580



31.6138, 18.4428, -8.4248



31.6138, -6.0576, 15.3431



31.6138, -17.7772, 9.3279

Sweetspot

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



31.6138, 2.9315, -23.4572



58.0871, -2.0541, -6.1413



44.5375, -20.9302, 5.4042



27.5153, -0.8837, -3.5449



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.



31.6138, 2.9315, -23.4572



37.4472, 7.2458, -41.7901



27.9444, 14.9671, -31.1525



21.7874, -0.9682, -0.7445



17.2149, 18.6894, -61.8622



1.4671, 0.1018, -2.0535

Inverse Universe

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



31.7997, 22.2717, 2.7702



38.5186, 37.4117, 5.0318



46.7770, -14.1787, 21.4386



21.7006, 0.8788, 1.1004



22.1046, 38.4715, 9.5026



1.3440, 2.4214, -0.0593

Previews

White Background



This preview shows how the HunterLab color 31.6132, 2.9315, -23.4580 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 31.6132, 2.9315, -23.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

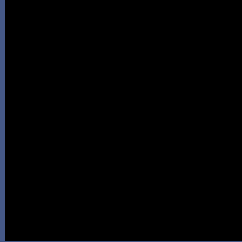
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 31.6132, 2.9315, -23.4580 Background



This preview shows how black text looks on a background with the HunterLab color 31.6132, 2.9315, -23.4580.



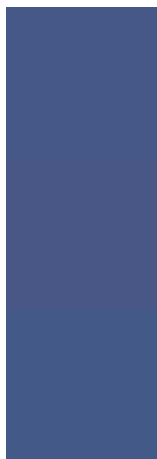
This preview shows how white text looks on a background with the HunterLab color 31.6132, 2.9315, -23.4580.

-23.4580.

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

31.6132, 2.9315, -23.4580

Protanopia

31.4886, 3.7574, -22.9985

Deuteranopia

31.7605, 2.0838, -23.1826



Tritanopia

31.7388, -8.8966, -4.0806

Trichromacy



Original Color

31.6132, 2.9315, -23.4580

Protanomaly

31.4280, 3.5569, -23.1213

Deuteranomaly

31.8166, 2.2720, -23.0693

Tritanomaly

31.5055, -4.6290, -10.6265

Monochromacy



Original Color

31.6132, 2.9315, -23.4580

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.2229, -0.7128, -6.1515

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6132, 2.9315, -23.4580 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(69, 88, 135)` looks like.

```
.text, #text, p{  
    color:rgb(69, 88, 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(69, 88, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 88, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6132, 2.9315, -23.4580 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(69, 88, 135) }
```


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

```
.border{ border-color:rgb(69, 88, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 88, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 88, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 88, 135);  
box-shadow:4px 4px 4px 4px rgb(69, 88,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6132, 2.9315, -23.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 88, 135) }
```

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

```
.background{ background-color: rgb(69, 88,  
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](#).

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