

Converting Colors

HunterLab(23.5598, 1.2401,
-32.1247)

Have a look what the booklet for
HunterLab(23.5598, 1.2401,
-32.1247) contains.

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Color

**HunterLab(23.5359, 1.1316,
-31.8606)**

Conversions

Conversions Part 1

Format	Color
Hex	00447A
RGB	0, 68, 122
RGB Percent	0%, 27%, 48%
CMY	0.9999, 0.7333, 0.5216
CMYK	1.00, 0.44, 0.00, 0.52
HSL	207°, 100%, 24%
HSV	207°, 100%, 48%
XYZ	5.5800, 5.5394, 19.1875
YIQ	53.8240, -57.8620, 2.3780

Conversions

Conversions Part 2

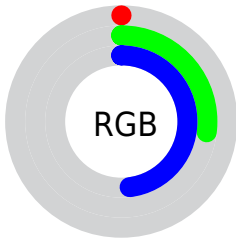
Format	Color
R_{YB}	0, 44, 122
Decimal	17530
CIE _{Lab}	28.22, 3.73, -35.89
CIE _{LCh}	28, 36.081, 275.931
Yxy	5.5395, 0.1841, 0.1828
Android (android.graphics.Color)	4278207610 (0xFF00447A)
YUV	53.8240, 33.6108, -47.2036
Hunter-Lab	23.5359, 1.1316, -31.8606

Details

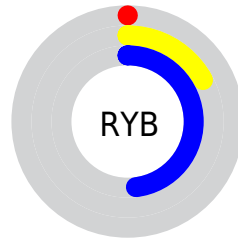
The HunterLab color **23.5359, 1.1316, -31.8606** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **26.0334, 18.5235, 16.3649**, and the grayscale version is **19.0525, -1.0166, 1.0352**.

A 20% lighter version of the original color is **41.2817, 0.4310, -32.8047**, and **11.0446, 6.0782, -26.9258** is the 20% darker color. If you saturate the color by 10%, you get **23.5343, 1.1345, -31.8649**, and if you desaturate by 10%, it is **25.1055, -0.7306, -28.0265**.

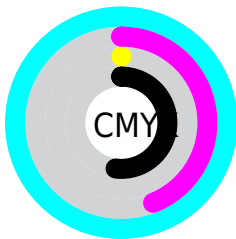
Distribution



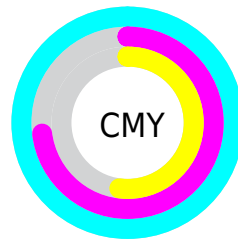
- Red (0%)
- Green (27%)
- Blue (48%)



- Red (0%)
- Yellow (17%)
- Blue (48%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (73%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5359, 1.1316, -31.8606 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 23.5359, 1.1316, -31.8606 by changing the saturation by 10% instead.

■ 23.5359, 1.1316,
-31.8606

■ 23.5359, 1.1316,
-31.8606

■ 124.4622, -2.5390,
-36.7038

■ 16.0224, 1.2580,
-31.8121

■ 41.1923, 0.6618,
-32.9016

■ 9.5404, 1.2872,
-32.9168

■ 51.1790, 0.3376,
-33.5367

0.0000, NaN, -NF

■ 61.8634, -0.0372,
-34.1653

0.0000, NaN, -NF

■ 73.2025, -0.4580,
-34.7641

0.0000, NaN, NaN

■ 85.1604, -0.9213,
-35.3215

0.0000, NaN, NaN

■ 97.7068, -1.4242,

0.0000, NaN, NaN

0.0000, NaN, NaN

-35.8319

0.0000, NaN, NaN

110.8151, -1.9641,
-36.2929

23.5359, 1.1316,
-31.8606

23.5359, 1.1316,
-31.8606

23.5343, 1.1345,
-31.8649

25.1055, -0.7306,
-28.0265

26.7729, -2.3076,
-24.3185

28.5718, -3.4691,
-20.6630

30.4944, -4.2343,
-17.0829

32.5313, -4.6338,
-13.5933

■ 34.6730, -4.7028,
-10.2019

■ 36.9105, -4.4770,
-6.9106

■ 39.2356, -3.9902,
-3.7167

■ 41.6406, -3.2730,
-0.6152

Harmonies

Analogous

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



23.5362, -9.8100, -28.1519



23.5359, 1.1316, -31.8606



23.5362, 13.5828, -23.7348

Triad

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



23.5362, 1.1322, -31.8600



23.5362, 20.0634, 10.7498



23.5362, -18.5899, 8.4902

Complementary

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



23.5359, 1.1316, -31.8606



26.0334, 18.5235, 16.3649

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.



23.5362, -13.1407, 12.9100



23.5359, 1.1316, -31.8606



23.5362, 8.7239, 13.6925

Square

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



23.5362, 1.1322, -31.8600



23.5362, 25.8120, 3.4029



23.5362, -3.5547, 14.2269



23.5362, -19.8323, -1.0586

Rectangle

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



23.5359, 1.1316, -31.8606



23.5362, 20.6272, -14.2902



23.5362, -3.5547, 14.2269



23.5362, -17.2502, 10.4450

Sweetspot

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



23.5362, 1.1322, -31.8600



48.7351, -5.9726, -9.4827



37.6499, -29.8577, 17.3966



22.8210, -2.9195, -5.2318



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



23.5362, 1.1322, -31.8600



30.7735, 2.2899, -43.4075



12.5782, 29.0977, -78.5310



20.5655, -1.5703, -0.1647



24.1133, 1.2254, -32.7848



51.0071, 5.6525, -75.9564

Inverse Universe

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



21.3431, 38.5023, -1.3668



28.2590, 50.8942, -1.1182



40.1778, -7.9853, 24.6169



20.1220, 1.0069, 0.4280



21.8949, 39.4943, -1.3460



47.6378, 85.5991, -0.3631

Previews

White Background



This preview shows how the HunterLab color 23.5359, 1.1316, -31.8606 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 23.5359, 1.1316, -31.8606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

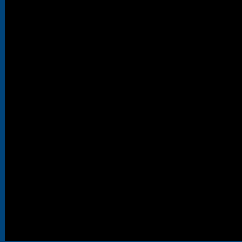
Any Text WCAG AA × Fail

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 23.5359, 1.1316, -31.8606 Background



This preview shows how black text looks on a background with the HunterLab color 23.5359, 1.1316, -31.8606.



This preview shows how white text looks on a background with the HunterLab color 23.5359, 1.1316, -31.8606.

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

23.5359, 1.1316, -31.8606

Protanopia

23.6743, 5.1276, -29.0309

Deuteranopia

23.4834, 0.8492, -31.1855



Tritanopia

23.6883, -11.5839, -4.6019

Trichromacy



Original Color

23.5359, 1.1316, -31.8606

Protanomaly

23.4212, 3.1432, -30.4954

Deuteranomaly

23.4834, 0.8492, -31.1855

Tritanomaly

23.3687, -7.4165, -13.1986

Monochromacy



Original Color

23.5359, 1.1316, -31.8606

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.0811, -2.8313, -9.5159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5359, 1.1316, -31.8606 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, 68, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 68, 122)  
}
```

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, 68, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 68, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5359, 1.1316, -31.8606 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, 68, 122) }
```


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

```
.border{ border-color:rgb(0, 68, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 68, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 68, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 68, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 68, 122)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5359, 1.1316, -31.8606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 68, 122) }
```

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

```
.background{ background-color: rgb(0, 68,  
122) }
```

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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