

Converting Colors

HunterLab(23.8554, -0.9722,
-16.0406)

Have a look what the booklet for
HunterLab(23.8554, -0.9722,
-16.0406) contains.

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Color

**HunterLab(23.8497, -1.0823,
-15.9302)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4565
RGB	42, 69, 101
RGB Percent	16%, 27%, 40%
CMY	0.8353, 0.7294, 0.6039
CMYK	0.58, 0.32, 0.00, 0.60
HSL	213°, 41%, 28%
HSV	213°, 58%, 40%
XYZ	5.4319, 5.6881, 13.1236
YIQ	64.5750, -26.3640, 4.2280

Conversions

Conversions Part 2

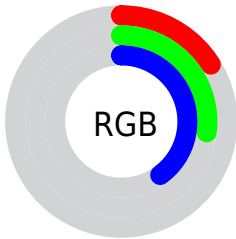
Format	Color
R_{YB}	42, 61, 101
Decimal	2770277
CIE _{Lab}	28.61, 0.30, -21.88
CIE _{LCh}	29, 21.878, 270.794
Yxy	5.6883, 0.2241, 0.2346
Android (android.graphics.Color)	4280960357 (0xFF2A4565)
YUV	64.5750, 17.9575, -19.7983
Hunter-Lab	23.8497, -1.0823, -15.9302




Details

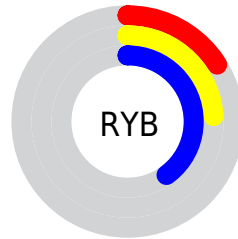
The HunterLab color $23.8497, -1.0823, -15.9302$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $27.9853, 3.5436, 12.6651$, and the grayscale version is $22.7897, -1.2160, 1.2382$.




A 20% lighter version of the original color is $41.5510, -2.0790, -16.8206$, and $10.0256, 0.8871, -14.4462$ is the 20% darker color. If you saturate the color by 10%, you get $22.0417, -0.1201, -19.5384$, and if you desaturate by 10%, it is $25.7569, -1.7516, -12.5006$.

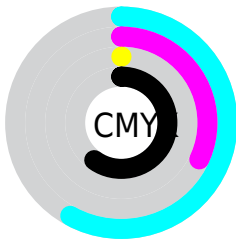
Distribution







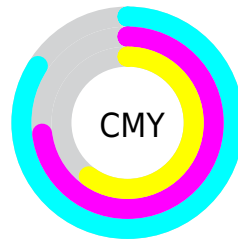
-  Red (16%)
-  Green (27%)
-  Blue (40%)






-  Red (16%)
-  Yellow (24%)
-  Blue (40%)



-  Cyan (58%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (84%)
-  Magenta (73%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8497, -1.0823, -15.9302 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 23.8497, -1.0823, -15.9302 by changing the saturation by 10% instead.

■ 23.8497, -1.0823,
-15.9302

■ 23.8497, -1.0823,
-15.9302

■ 125.0083, -6.3443,
-18.2343

■ 16.2987, -0.7017,
-15.4447

■ 41.5703, -1.9898,
-16.8553

■ 9.7731, -0.3795,
-15.1207

■ 51.5853, -2.5076,
-17.2346

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 62.2961, -3.0636,
-17.5501

0.0000, NaN, NaN

■ 73.6601, -3.6554,
-17.8025

0.0000, NaN, NaN

■ 85.6417, -4.2810,
-17.9942

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.2106, -4.9387,

-18.1281

0.0000, NaN, NaN

111.3404, -5.6269,
-18.2072

■ 23.8497, -1.0823,
-15.9302

■ 23.8497, -1.0823,
-15.9302

■ 22.0417, -0.1201,
-19.5384

■ 25.7569, -1.7516,
-12.5006

■ 20.3435, 1.1707,
-23.3267

■ 27.7514, -2.1643,
-9.2420

■ 18.7684, 2.8197,
-27.2799

■ 29.8241, -2.3542,
-6.1400

■ 17.2918, 4.7245,
-31.4776

■ 31.9671, -2.3512,
-3.1786

■ 17.0610, 5.0312,
-32.1856

■ 34.1735, -2.1811,
-0.3416

■ 36.4375, -1.8660,
2.3862

■ 38.7540, -1.4246,
5.0188

■ 41.1188, -0.8726,
7.5689

■ 43.5280, -0.2234,
10.0475

Harmonies

Analogous

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



23.8501, -7.6460, -13.2529



23.8497, -1.0823, -15.9302



23.8501, 6.2168, -12.9702

Triad

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



23.8501, -1.0822, -15.9297



23.8501, 11.7878, 7.0925



23.8501, -12.1719, 6.8606

Complementary

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



23.8497, -1.0823, -15.9302



27.9853, 3.5436, 12.6651

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.



23.8501, -7.9408, 10.0514



23.8497, -1.0823, -15.9302



23.8501, 5.8466, 10.1547

Square

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



23.8501, -1.0822, -15.9297



23.8501, 14.1670, 1.4795



23.8501, -1.4649, 11.0533



23.8501, -13.5725, 1.1155

Rectangle

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



23.8497, -1.0823, -15.9302



23.8501, 10.3996, -8.5895



23.8501, -1.4649, 11.0533



23.8501, -11.0603, 8.1995

Sweetspot

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



23.8501, -1.0822, -15.9297



41.8589, -3.0817, -4.1992



32.0734, -18.1344, 7.6428



20.4569, -1.5386, -2.4947



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



23.8501, -1.0822, -15.9297



28.0735, 0.3909, -27.3342



17.6933, 11.5545, -30.1527



17.1774, -1.1064, -0.2452



19.3234, 6.1924, -37.5202



42.1469, 18.2883, -92.1591

Inverse Universe

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



22.0285, 20.3532, -1.2241



26.0596, 32.5686, -0.9379



34.8270, -8.5613, 17.5808



16.9273, 0.7121, 0.5597



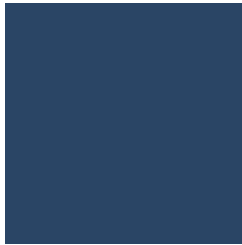
19.6989, 35.0171, 2.7904



44.7952, 79.2681, 9.1395

Previews

White Background



This preview shows how the HunterLab color 23.8497, -1.0823, -15.9302 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 23.8497, -1.0823, -15.9302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

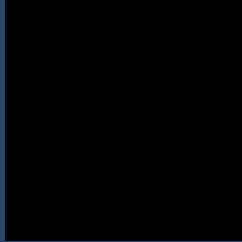
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

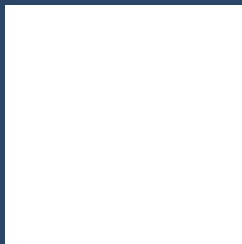
Any Text WCAG AAA × Fail

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

HunterLab 23.8497, -1.0823, -15.9302 Background



This preview shows how black text looks on a background with the HunterLab color 23.8497, -1.0823, -15.9302.



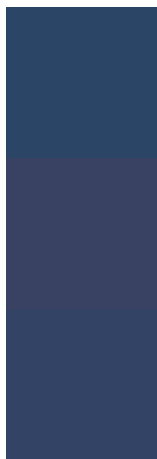
This preview shows how white text looks on a background with the HunterLab color 23.8497, -1.0823, -15.9302.

-15.9302.

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

23.8497, -1.0823, -15.9302

Protanopia

23.8058, 2.4869, -14.6872

Deuteranopia

23.7859, 1.3102, -16.0096



Tritanopia

23.7759, -8.4165, -3.9430

Trichromacy



Original Color

23.8497, -1.0823, -15.9302

Protanomaly

23.8002, 1.2763, -15.3470

Deuteranomaly

23.8793, 0.3335, -15.8492

Tritanomaly

23.8703, -6.1392, -7.7950

Monochromacy



Original Color

23.8497, -1.0823, -15.9302

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

23.0572, -1.5592, -4.3537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8497, -1.0823, -15.9302 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(42, 69, 101)` looks like.

```
.text, #text, p{  
    color:rgb(42, 69, 101)  
}
```

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(42, 69, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 69, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8497, -1.0823, -15.9302 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(42, 69, 101) }
```


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

```
.border{ border-color:rgb(42, 69, 101) }
```

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

Here you see how a box with a 4 pixel rgb(42, 69, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 69, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 69, 101);  
box-shadow:4px 4px 4px 4px rgb(42, 69,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.8497, -1.0823, -15.9302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 69, 101) }
```

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

```
.background{ background-color: rgb(42, 69,  
101) }
```

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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