

Converting Colors

HunterLab(32.0277, -3.4959,
-16.2458)

Have a look what the booklet for
HunterLab(32.0277, -3.4959,
-16.2458) contains.

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Color

**HunterLab(31.9987, -3.4516,
-16.2927)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5D7D
RGB	59, 93, 125
RGB Percent	23%, 36%, 49%
CMY	0.7686, 0.6353, 0.5098
CMYK	0.53, 0.26, 0.00, 0.51
HSL	209°, 36%, 36%
HSV	209°, 53%, 49%
XYZ	9.4197, 10.2392, 20.8819
YIQ	86.4820, -30.5360, 2.7440

Conversions

Conversions Part 2

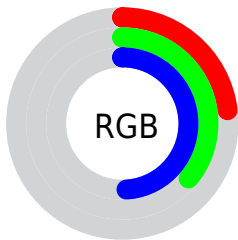
Format	Color
RYB	59, 81, 125
Decimal	3890557
CIELab	38.27, -2.53, -21.77
CIElCh	38, 21.916, 263.371
Yxy	10.2395, 0.2324, 0.2526
Android (android.graphics.Color)	4282080637 (0xFF3B5D7D)
YUV	86.4820, 18.9894, -24.1017
Hunter-Lab	31.9987, -3.4516, -16.2927

Details

The HunterLab color **31.9987, -3.4516, -16.2927** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **34.8688, 5.4690, 14.5454**, and the grayscale version is **30.6234, -1.6340, 1.6638**.

A 20% lighter version of the original color is **51.2238, -4.5664, -17.2681**, and **15.9838, -2.0517, -15.5495** is the 20% darker color. If you saturate the color by 10%, you get **29.7995, -2.7036, -20.2883**, and if you desaturate by 10%, it is **34.3145, -3.8438, -12.4468**.

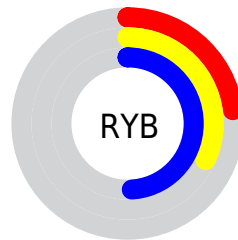
Distribution



Red (23%)

Green (36%)

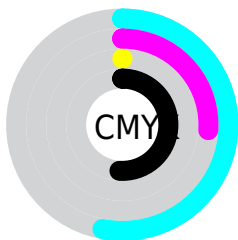
Blue (49%)



Red (23%)

Yellow (32%)

Blue (49%)

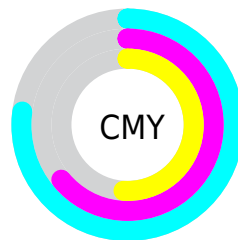


Cyan (53%)

Magenta (26%)

Yellow (0%)

Black (51%)



Cyan (77%)

Magenta (64%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.9987, -3.4516, -16.2927 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 31.9987, -3.4516, -16.2927 by changing the saturation by 10% instead.

■ 31.9987, -3.4516,
-16.2927

■ 31.9987, -3.4516,
-16.2927

■ 138.6987,
-10.2684, -18.0773

■ 23.5756, -2.8291,
-15.8071

■ 51.2300, -4.7807,
-17.1095

■ 16.0570, -2.2336,
-15.3241

■ 61.9177, -5.4869,
-17.4239

■ 9.5695, -1.6690,
-15.0081

■ 73.2599, -6.2201,
-17.6751

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 85.2208, -6.9797,
-17.8655

0.0000, NaN, NaN

■ 97.7700, -7.7649,
-17.9980

0.0000, NaN, NaN

■ 110.8810, -8.5752,

0.0000, NaN, NaN

-18.0756

0.0000, NaN, NaN

124.5307, -9.4099,
-18.1012

■ 31.9987, -3.4516,
-16.2927

■ 31.9987, -3.4516,
-16.2927

■ 29.7995, -2.7036,
-20.2883

■ 34.3145, -3.8438,
-12.4468

■ 27.7270, -1.5586,
-24.4307

■ 36.7340, -3.9215,
-8.7492

■ 25.7941, 0.0186,
-28.7031

■ 39.2477, -3.7231,
-5.1910

■ 24.0112, 2.0470,
-33.0776

■ 41.8470, -3.2833,
-1.7612

■ 22.7860, 3.6596,
-36.3805

■ 44.5239, -2.6325,
1.5525

■ 47.2719, -1.7969,
4.7624

■ 50.0850, -0.7989,
7.8801

■ 52.9582, 0.3424,
10.9166

■ 55.8869, 1.6106,
13.8818

Harmonies

Analogous

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



31.9993, -10.3139, -12.2345



31.9987, -3.4516, -16.2927



31.9993, 4.5719, -14.6535

Triad

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



31.9993, -3.4516, -16.2920



31.9993, 13.5377, 6.9816



31.9993, -13.0574, 9.2485

Complementary

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



31.9987, -3.4516, -16.2927



34.8688, 5.4690, 14.5454

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.



31.9993, -7.5402, 12.4071



31.9987, -3.4516, -16.2927



31.9993, 7.9135, 11.3386

Square

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



31.9993, -3.4516, -16.2920



31.9993, 14.9028, 0.0204



31.9993, 0.0715, 13.0661



31.9993, -15.4997, 3.3726

Rectangle

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



31.9987, -3.4516, -16.2927



31.9993, 9.4586, -10.7087



31.9993, 0.0715, 13.0661



31.9993, -11.5284, 10.5991

Sweetspot

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



31.9993, -3.4516, -16.2920



54.7381, -4.6394, -3.9855



40.4362, -22.1102, 10.0497



25.8328, -2.2604, -2.2602



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



31.9993, -3.4516, -16.2920



39.3860, -3.3928, -28.0927



23.7763, 11.8957, -33.5234



21.3294, -1.5275, -0.2632



23.2479, 3.7961, -37.2525

0.0000, NaN, NaN

Inverse Universe

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



28.7726, 24.0784, -3.1895



35.0427, 39.4388, -4.3240



43.6648, -9.1985, 21.1261



20.9245, 1.0280, 0.5380



22.2264, 39.8161, 0.7747

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.9987, -3.4516, -16.2927 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 × Fail

Black Background



This preview shows how the HunterLab color 31.9987, -3.4516, -16.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

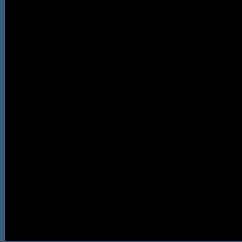
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

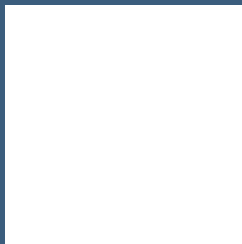
Any Text WCAG AAA ✗ Fail

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

HunterLab 31.9987, -3.4516, -16.2927 Background



This preview shows how black text looks on a background with the HunterLab color 31.9987, -3.4516, -16.2927.

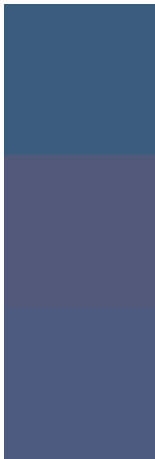


This preview shows how white text looks on a background with the HunterLab color 31.9987, -3.4516, -16.2927.

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

31.9987, -3.4516, -16.2927

Protanopia

32.0240, 1.8907, -14.3229

Deuteranopia

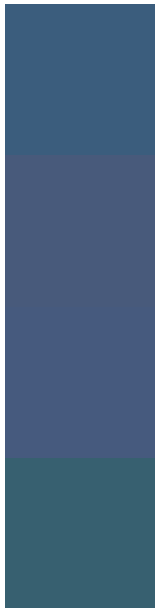
31.9826, 2.0679, -16.8481



Tritanopia

32.0926, -10.3273, -5.0961

Trichromacy



Original Color

31.9987, -3.4516, -16.2927

Protanomaly

31.8121, -0.1003, -15.3240

Deuteranomaly

31.8132, 0.1432, -17.1812

Tritanomaly

32.1680, -8.1119, -8.5741

Monochromacy



Original Color

31.9987, -3.4516, -16.2927

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.9861, -3.2258, -4.0326

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.9987, -3.4516, -16.2927 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(59, 93, 125)` looks like.

```
.text, #text, p{  
    color:rgb(59, 93, 125)  
}
```

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(59, 93, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 93, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 31.9987, -3.4516, -16.2927 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(59, 93, 125) }
```


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

```
.border{ border-color:rgb(59, 93, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 93, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 93, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 93, 125);  
box-shadow:4px 4px 4px 4px rgb(59, 93,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.9987, -3.4516, -16.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 93, 125) }
```

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

```
.background{ background-color: rgb(59, 93,  
125) }
```

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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