

Converting Colors

HunterLab(31.7677, -4.1799,
-18.2924)

Have a look what the booklet for
HunterLab(31.7677, -4.1799,
-18.2924) contains.

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Color

**HunterLab(31.7664, -4.0305,
-18.6128)**

Conversions

Conversions Part 1

Format	Color
Hex	335D80
RGB	51, 93, 128
RGB Percent	20%, 36%, 50%
CMY	0.8000, 0.6353, 0.4980
CMYK	0.60, 0.27, 0.00, 0.50
HSL	207°, 43%, 35%
HSV	207°, 60%, 50%
XYZ	9.1759, 10.0910, 21.8862
YIQ	84.4320, -36.2670, 1.9810

Conversions

Conversions Part 2

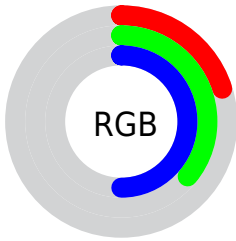
Format	Color
R_{YB}	51, 78, 128
Decimal	3366272
CIE _{Lab}	38.01, -3.41, -24.04
CIE _{LCh}	38, 24.284, 261.929
Yxy	10.0914, 0.2230, 0.2452
Android (android.graphics.Color)	4281556352 (0xFF335D80)
YUV	84.4320, 21.4790, -29.3199
Hunter-Lab	31.7664, -4.0305, -18.6128




Details

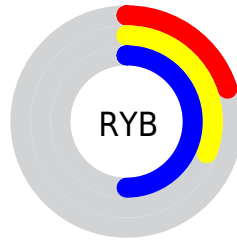
The HunterLab color **31.7664, -4.0305, -18.6128** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **33.8887, 8.2624, 15.5463**, and the grayscale version is **29.8670, -1.5936, 1.6227**.

A 20% lighter version of the original color is **50.9158, -5.4129, -19.6268**, and **16.1169, -1.3159, -17.3041** is the 20% darker color. If you saturate the color by 10%, you get **29.6994, -3.1336, -22.5239**, and if you desaturate by 10%, it is **33.9581, -4.5346, -14.8113**.

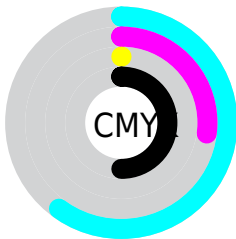
Distribution







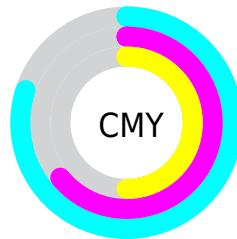
-  Red (20%)
-  Green (36%)
-  Blue (50%)






-  Red (20%)
-  Yellow (31%)
-  Blue (50%)



-  Cyan (60%)
-  Magenta (27%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (80%)
-  Magenta (64%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7664, -4.0305, -18.6128 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 31.7664, -4.0305, -18.6128 by changing the saturation by 10% instead.

■ 31.7664, -4.0305,
-18.6128

■ 31.7664, -4.0305,
-18.6128

■ 138.3196,
-11.2338, -21.0052

■ 23.3658, -3.3476,
-18.0926

■ 50.9581, -5.4645,
-19.5470

■ 15.8725, -2.6836,
-17.6181

■ 61.6280, -6.2175,
-19.9296

■ 9.4144, -2.0809,
-17.4231

■ 72.9535, -6.9948,
-20.2511

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.8986, -7.7961,
-20.5127

0.0000, NaN, NaN

■ 97.4326, -8.6210,
-20.7163

0.0000, NaN, NaN

■ 110.5292, -9.4692,

0.0000, NaN, NaN

-20.8646

0.0000, NaN, NaN

124.1650,
-10.3403, -20.9600

■ 31.7664, -4.0305,
-18.6128

■ 31.7664, -4.0305,
-18.6128

■ 29.6994, -3.1336,
-22.5239

■ 33.9581, -4.5346,
-14.8113

■ 27.7662, -1.8100,
-26.5307

■ 36.2622, -4.6852,
-11.1286

■ 25.9764, -0.0384,
-30.6072

■ 38.6692, -4.5214,
-7.5641

■ 24.3228, 2.0186,
-34.7589

■ 41.1698, -4.0800,
-4.1136

■ 43.7557, -3.3945,
-0.7700

■ 46.4197, -2.4944,
2.4753

■ 49.1551, -1.4052,
5.6316

■ 51.9564, -0.1493,
8.7078

■ 54.8185, 1.2544,
11.7127

Harmonies

Analogous

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



31.7670, -11.4429, -13.6731



31.7664, -4.0305, -18.6128



31.7670, 4.8509, -17.0464

Triad

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



31.7670, -4.0304, -18.6121



31.7670, 15.5130, 7.1566



31.7670, -13.9145, 10.1174

Complementary

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



31.7664, -4.0305, -18.6128



33.8887, 8.2624, 15.5463

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.



31.7670, -7.7535, 13.3029



31.7664, -4.0305, -18.6128



31.7670, 9.3876, 11.9447

Square

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



31.7670, -4.0304, -18.6121



31.7670, 16.7875, -0.6072



31.7670, 0.7064, 13.8664



31.7670, -16.7312, 3.9005

Rectangle

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



31.7664, -4.0305, -18.6128



31.7670, 10.3778, -12.6740



31.7670, 0.7064, 13.8664



31.7670, -12.1999, 11.5000

Sweetspot

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



31.7670, -4.0304, -18.6121



55.2167, -5.2777, -4.6769



40.9984, -24.9417, 12.2002



26.3069, -2.6472, -2.8092



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



31.7670, -4.0304, -18.6121



38.4882, -3.6090, -31.7365



22.3181, 13.8984, -40.2580



21.3775, -1.6064, -0.2049



24.2258, 1.9997, -34.5968

0.0000, NaN, NaN

Inverse Universe

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



27.8345, 28.6423, -4.4068



33.5037, 45.5991, -5.4284



43.9106, -8.8496, 22.6730



20.9295, 1.0546, 0.4675



22.3315, 40.1978, -0.7201

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.7664, -4.0305, -18.6128 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 31.7664, -4.0305, -18.6128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

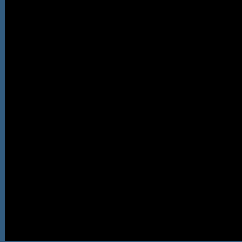
Any Text WCAG AA × Fail

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 31.7664, -4.0305, -18.6128 Background



This preview shows how black text looks on a background with the HunterLab color 31.7664, -4.0305, -18.6128.



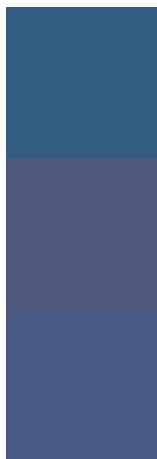
This preview shows how white text looks on a background with the HunterLab color 31.7664, -4.0305, -18.6128.

-18.6128.

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

31.7664, -4.0305, -18.6128

Protanopia

31.7086, 2.3219, -16.0761

Deuteranopia

31.5926, 2.3427, -19.4689



Tritanopia

31.6871, -11.8573, -5.6888

Trichromacy



Original Color

31.7664, -4.0305, -18.6128

Protanomaly

31.6574, -0.4719, -16.8384

Deuteranomaly

31.6562, -0.1469, -19.3950

Tritanomaly

31.8055, -9.3828, -9.6890

Monochromacy



Original Color

31.7664, -4.0305, -18.6128

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.1897, -3.2789, -5.1327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7664, -4.0305, -18.6128 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(51, 93, 128)` looks like.

```
.text, #text, p{  
    color:rgb(51, 93, 128)  
}
```

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(51, 93, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 93, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7664, -4.0305, -18.6128 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(51, 93, 128) }
```


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

```
.border{ border-color:rgb(51, 93, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 93, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 93, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 93, 128);  
box-shadow:4px 4px 4px 4px rgb(51, 93,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7664, -4.0305, -18.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 93, 128) }
```

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

```
.background{ background-color: rgb(51, 93,  
128) }
```

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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