

Converting Colors

HunterLab(31.8993, -3.6027,
-15.2588)

Have a look what the booklet for
HunterLab(31.8993, -3.6027,
-15.2588) contains.

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Color

**HunterLab(31.9678, -3.7191,
-15.1213)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5D7B
RGB	60, 93, 123
RGB Percent	24%, 36%, 48%
CMY	0.7647, 0.6353, 0.5176
CMYK	0.51, 0.24, 0.00, 0.52
HSL	209°, 34%, 36%
HSV	209°, 51%, 48%
XYZ	9.3530, 10.2194, 20.2185
YIQ	86.5530, -29.2980, 2.3340

Conversions

Conversions Part 2

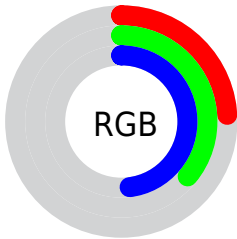
Format	Color
R_{YB}	60, 82, 123
Decimal	3956091
CIE _{Lab}	38.23, -2.93, -20.60
CIE _{LCh}	38, 20.802, 261.912
Yxy	10.2198, 0.2351, 0.2568
Android (android.graphics.Color)	4282146171 (0xFF3C5D7B)
YUV	86.5530, 17.9684, -23.2870
Hunter-Lab	31.9678, -3.7191, -15.1213




Details

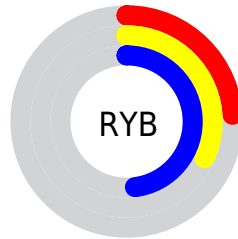
The HunterLab color **31.9678, -3.7191, -15.1213** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **34.4237, 5.3042, 13.9409**, and the grayscale version is **30.6527, -1.6355, 1.6654**.




A 20% lighter version of the original color is **51.1459, -4.9964, -16.1863**, and **15.9587, -2.3127, -14.2761** is the 20% darker color. If you saturate the color by 10%, you get **29.8178, -3.0930, -18.9415**, and if you desaturate by 10%, it is **34.2292, -4.0044, -11.4370**.

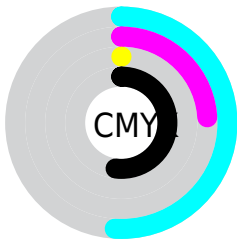
Distribution







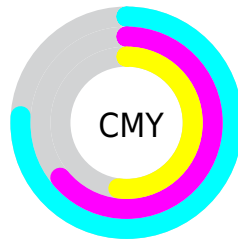
-  Red (24%)
-  Green (36%)
-  Blue (48%)






-  Red (24%)
-  Yellow (32%)
-  Blue (48%)



-  Cyan (51%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (76%)
-  Magenta (64%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.9678, -3.7191, -15.1213 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 31.9678, -3.7191, -15.1213 by changing the saturation by 10% instead.

■ 31.9678, -3.7191,
-15.1213

■ 31.9678, -3.7191,
-15.1213

■ 138.6483,
-10.7118, -16.5842

■ 23.5477, -3.0693,
-14.6589

■ 51.1938, -5.0959,
-15.8725

■ 16.0325, -2.4429,
-14.1818

■ 61.8792, -5.8234,
-16.1506

■ 9.5489, -1.8500,
-13.8273

■ 73.2191, -6.5766,
-16.3647

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 85.1780, -7.3552,
-16.5179

0.0000, NaN, NaN

■ 97.7251, -8.1585,
-16.6134

0.0000, NaN, NaN

■ 110.8342, -8.9861,

0.0000, NaN, NaN

-16.6543

0.0000, NaN, NaN

124.4821, -9.8374,
-16.6437

■ 31.9678, -3.7191,
-15.1213

■ 31.9678, -3.7191,
-15.1213

■ 29.8178, -3.0930,
-18.9415

■ 34.2292, -4.0044,
-11.4370

■ 27.7887, -2.0865,
-22.8950

■ 36.5899, -3.9879,
-7.8880

■ 25.8923, -0.6649,
-26.9669

■ 39.0411, -3.7062,
-4.4662

■ 24.1390, 1.1938,
-31.1314

■ 41.5745, -3.1922,
-1.1620

■ 22.6835, 3.0559,
-34.9492

■ 44.1828, -2.4747,
2.0355

■ 46.8597, -1.5785,
5.1372

■ 49.5996, -0.5251,
8.1537

■ 52.3976, 0.6673,
11.0949

■ 55.2495, 1.9832,
13.9697

Harmonies

Analogous

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



31.9684, -10.1579, -11.1097



31.9678, -3.7191, -15.1213



31.9684, 3.8774, -13.8574

Triad

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



31.9684, -3.7192, -15.1207



31.9684, 12.8653, 6.4653



31.9684, -12.3241, 9.1240

Complementary

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



31.9678, -3.7191, -15.1213



34.4237, 5.3042, 13.9409

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.



31.9684, -6.9335, 12.0628



31.9678, -3.7191, -15.1213



31.9684, 7.7236, 10.7935

Square

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



31.9684, -3.7192, -15.1207



31.9684, 13.9278, -0.2590



31.9684, 0.3552, 12.5938



31.9684, -14.8168, 3.6179

Rectangle

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



31.9678, -3.7191, -15.1213



31.9684, 8.5509, -10.3004



31.9684, 0.3552, 12.5938



31.9684, -10.8159, 10.3868

Sweetspot

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



31.9684, -3.7192, -15.1207



54.2142, -4.5925, -3.3722



39.8181, -21.4156, 9.9558



26.0233, -2.2870, -2.0105



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.



31.9684, -3.7192, -15.1207



39.5442, -3.9958, -26.0155



24.1811, 10.5888, -30.8610



20.5148, -1.4871, -0.2262



23.0474, 3.1523, -35.6122



48.6038, 10.1555, -82.6734

Inverse Universe

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



28.6938, 22.9451, -3.3165



35.0315, 37.6594, -4.6903



42.6472, -8.4623, 20.1871



20.1168, 0.9788, 0.5024



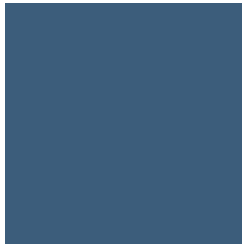
21.7787, 39.0730, 0.3025



47.3835, 84.6751, 3.2589

Previews

White Background



This preview shows how the HunterLab color 31.9678, -3.7191, -15.1213 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 31.9678, -3.7191, -15.1213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

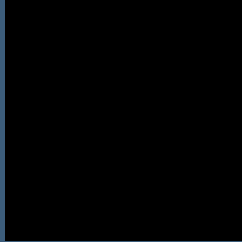
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

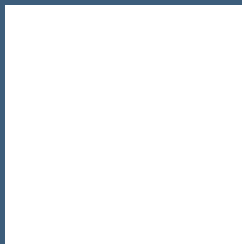
Any Text WCAG AAA × Fail

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

HunterLab 31.9678, -3.7191, -15.1213 Background



This preview shows how black text looks on a background with the HunterLab color 31.9678, -3.7191, -15.1213.



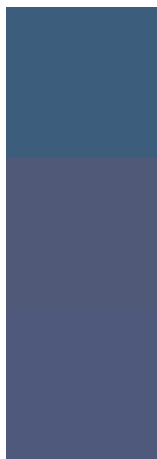
This preview shows how white text looks on a background with the HunterLab color 31.9678, -3.7191, -15.1213.

-15.1213.

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

31.9678, -3.7191, -15.1213

Protanopia

32.0159, 1.7100, -13.1489

Deuteranopia

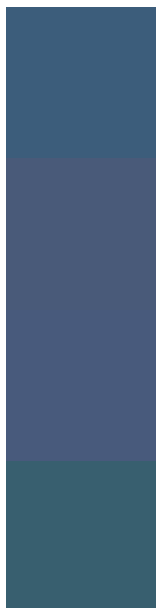
32.0348, 2.0833, -15.5164



Tritanopia

31.8583, -9.7917, -4.9142

Trichromacy



Original Color

31.9678, -3.7191, -15.1213

Protanomaly

31.7951, -0.3146, -14.1454

Deuteranomaly

31.8517, 0.1142, -15.8666

Tritanomaly

31.8949, -7.7291, -8.4379

Monochromacy



Original Color

31.9678, -3.7191, -15.1213

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.0526, -2.9912, -3.9380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.9678, -3.7191, -15.1213 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(60, 93, 123)` looks like.

```
.text, #text, p{  
    color:rgb(60, 93, 123)  
}
```

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(60, 93, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 93, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 31.9678, -3.7191, -15.1213 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(60, 93, 123) }
```


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

```
.border{ border-color:rgb(60, 93, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 93, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 93, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 93, 123);  
box-shadow:4px 4px 4px 4px rgb(60, 93,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.9678, -3.7191, -15.1213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 93, 123) }
```

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

```
.background{ background-color: rgb(60, 93,  
123) }
```

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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