

Converting Colors

HunterLab(31.6786, 0.9763,
-38.1618)

Have a look what the booklet for
HunterLab(31.6786, 0.9763,
-38.1618) contains.

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Color

**HunterLab(31.7103, 1.1266,
-38.4219)**

Conversions

Conversions Part 1

Format	Color
Hex	195B9B
RGB	25, 91, 155
RGB Percent	10%, 36%, 61%
CMY	0.9019, 0.6431, 0.3922
CMYK	0.84, 0.41, 0.00, 0.39
HSL	210°, 72%, 35%
HSV	210°, 84%, 61%
XYZ	10.0584, 10.0554, 32.4212
YIQ	78.5620, -59.8800, 5.9120

Conversions

Conversions Part 2

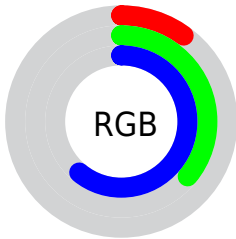
Format	Color
R_{YB}	25, 69, 155
Decimal	1661851
CIE _{Lab}	37.94, 3.99, -40.55
CIE _{LCh}	38, 40.745, 275.626
Yxy	10.0557, 0.1915, 0.1914
Android (android.graphics.Color)	4279851931 (0xFF195B9B)
YUV	78.5620, 37.6839, -46.9739
Hunter-Lab	31.7103, 1.1266, -38.4219

Details

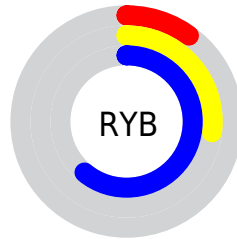
The HunterLab color **31.7103, 1.1266, -38.4219** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **37.6639, 15.9201, 22.0381**, and the grayscale version is **27.6897, -1.4775, 1.5044**.

A 20% lighter version of the original color is **50.9688, 0.3591, -39.5142**, and **17.1268, 5.7263, -33.7684** is the 20% darker color. If you saturate the color by 10%, you get **29.4468, 3.9764, -44.2240**, and if you desaturate by 10%, it is **34.1793, -1.1201, -32.7520**.

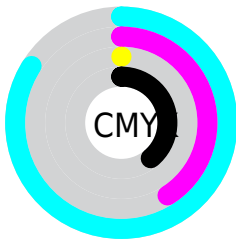
Distribution



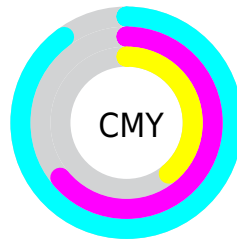
- Red (10%)
- Green (36%)
- Blue (61%)



- Red (10%)
- Yellow (27%)
- Blue (61%)



- Cyan (84%)
- Magenta (41%)
- Yellow (0%)
- Black (39%)



- Cyan (90%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7103, 1.1266, -38.4219 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 31.7103, 1.1266, -38.4219 by changing the saturation by 10% instead.

■ 31.7103, 1.1266,
-38.4219

■ 31.7103, 1.1266,
-38.4219

■ 138.2279, -2.8238,
-43.7519

■ 23.3151, 1.3107,
-38.1404

■ 50.8923, 0.5693,
-39.6078

■ 15.8279, 1.4149,
-38.4949

■ 61.5580, 0.2097,
-40.2840

■ 9.3769, 1.4193,
-40.5897

■ 72.8794, -0.1969,
-40.9535

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.8206, -0.6466,
-41.5964

0.0000, NaN, -NF

■ 97.3510, -1.1365,
-42.2021

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.4440, -1.6640,

-42.7649

0.0000, NaN, NaN

124.0765, -2.2271,
-43.2818

■ 31.7103, 1.1266,
-38.4219

■ 31.7103, 1.1266,
-38.4219

■ 29.4468, 3.9764,
-44.2240

■ 34.1793, -1.1201,
-32.7520

■ 28.1307, 5.9117,
-47.9225

■ 36.8378, -2.7854,
-27.2607

■ 39.6695, -3.9140,
-21.9729

■ 42.6574, -4.5614,
-16.8965

■ 45.7861, -4.7845,
-12.0273

■ 49.0414, -4.6365,
-7.3532

■ 52.4112, -4.1654,
-2.8581

■ 55.8846, -3.4130,
1.4758

■ 59.4525, -2.4153,
5.6662

Harmonies

Analogous

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



31.7108, -12.5423, -33.8628



31.7103, 1.1266, -38.4219



31.7108, 16.5207, -28.8564

Triad

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



31.7108, 1.1272, -38.4211



31.7108, 24.7268, 13.7394



31.7108, -23.5634, 10.9432

Complementary

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



31.7103, 1.1266, -38.4219



37.6639, 15.9201, 22.0381

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.



31.7108, -16.5446, 16.7325



31.7103, 1.1266, -38.4219



31.7108, 10.8432, 17.7549

Square

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



31.7108, 1.1272, -38.4211



31.7108, 31.6484, 4.2523



31.7108, -4.4194, 18.5247



31.7108, -25.2180, -1.0267

Rectangle

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



31.7103, 1.1266, -38.4219



31.7108, 25.1907, -17.5318



31.7108, -4.4194, 18.5247



31.7108, -21.8249, 13.4692

Sweetspot

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



31.7108, 1.1272, -38.4211



64.9105, -6.2679, -10.8397



49.3474, -36.1601, 18.7236



30.1990, -3.0256, -6.1240



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



31.7108, 1.1272, -38.4211



37.1394, 8.8929, -65.6183



18.3453, 33.2200, -88.3369



25.5317, -1.8191, -0.3899



25.3624, 5.0078, -42.5112



4.1100, -1.0560, -2.8576

Inverse Universe

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



29.0168, 46.1326, -1.5363



36.6668, 65.4237, 3.3011



54.5592, -13.4990, 32.3826



25.0447, 1.3090, 0.6425



24.6062, 43.9981, 1.4883



3.1283, 5.8107, -1.4933

Previews

White Background



This preview shows how the HunterLab color 31.7103, 1.1266, -38.4219 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 31.7103, 1.1266, -38.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

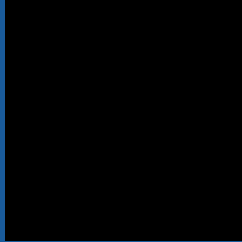
Any Text WCAG AA × Fail

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 31.7103, 1.1266, -38.4219 Background



This preview shows how black text looks on a background with the HunterLab color 31.7103, 1.1266, -38.4219.



This preview shows how white text looks on a background with the HunterLab color 31.7103, 1.1266, -38.4219.

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

31.7103, 1.1266, -38.4219

Protanopia

31.7410, 6.2050, -35.0224

Deuteranopia

31.6800, 2.4018, -38.4737



Tritanopia

31.5663, -15.2993, -6.4283

Trichromacy



Original Color

31.7103, 1.1266, -38.4219

Protanomaly

31.4633, 4.0764, -36.5191

Deuteranomaly

31.5756, 2.0517, -38.7359

Tritanomaly

31.4310, -9.9483, -16.7771

Monochromacy



Original Color

31.7103, 1.1266, -38.4219

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.5970, -2.9136, -11.2691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7103, 1.1266, -38.4219 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(25, 91, 155)` looks like.

```
.text, #text, p{  
    color:rgb(25, 91, 155)  
}
```

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(25, 91, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 91, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7103, 1.1266, -38.4219 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(25, 91, 155) }
```


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

```
.border{ border-color:rgb(25, 91, 155) }
```

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

Here you see how a box with a 4 pixel rgb(25, 91, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 91, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 91, 155);  
box-shadow:4px 4px 4px 4px rgb(25, 91,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7103, 1.1266, -38.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 91, 155) }
```

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

```
.background{ background-color: rgb(25, 91,  
155) }
```

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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