

Converting Colors

HunterLab(20.7177, 16.4898,
-31.8454)

Have a look what the booklet for
HunterLab(20.7177, 16.4898,
-31.8454) contains.

HunterLab(20.7732, 16.1617, -31.5065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(20.7732, 16.1617,
-31.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	402F71
RGB	64, 47, 113
RGB Percent	25%, 18%, 44%
CMY	0.7490, 0.8157, 0.5569
CMYK	0.43, 0.58, 0.00, 0.56
HSL	255°, 41%, 31%
HSV	255°, 58%, 44%
XYZ	6.1115, 4.3153, 16.1336
YIQ	59.6070, -11.0540, 24.1300

Conversions

Conversions Part 2

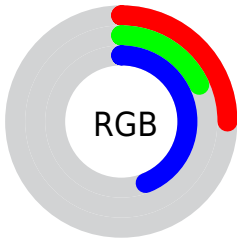
Format	Color
R_{YB}	64, 47, 113
Decimal	4206449
CIE Lab	24.69, 24.93, -35.68
CIE LCh	25, 43.531, 304.947
Yxy	4.3154, 0.2301, 0.1625
Android (android.graphics.Color)	4282396529 (0xFF402F71)
YUV	59.6070, 26.3227, 3.8527
Hunter-Lab	20.7732, 16.1617, -31.5065

Details

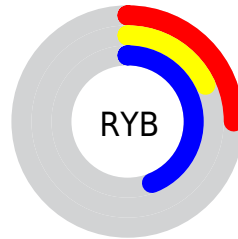
The HunterLab color $[20.7732, 16.1617, -31.5065]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[38.0818, -13.9489, 19.0345]$, and the grayscale version is $[21.0371, -1.1225, 1.1430]$.

A 20% lighter version of the original color is $[37.9036, 17.7980, -32.0147]$, and $[7.2170, 15.1692, -35.1355]$ is the 20% darker color. If you saturate the color by 10%, you get $[18.0710, 19.8567, -39.7748]$, and if you desaturate by 10%, it is $[23.7520, 12.6231, -24.1410]$.

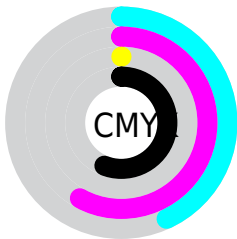
Distribution



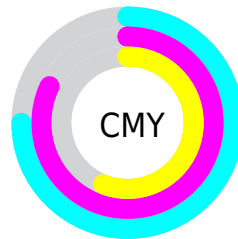
- Red (25%)
- Green (18%)
- Blue (44%)



- Red (25%)
- Yellow (18%)
- Blue (44%)



- Cyan (43%)
- Magenta (58%)
- Yellow (0%)
- Black (56%)



- Cyan (75%)
- Magenta (82%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7732, 16.1617, -31.5065 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 20.7732, 16.1617, -31.5065 by changing the saturation by 10% instead.

■ 20.7732, 16.1617, -31.5065	■ 20.7732, 16.1617, -31.5065
■ 119.5821, 21.7648, -36.2795	■ 13.6070, 14.9443, -31.7100
■ 37.8413, 18.1439, -32.4232	■ 7.2040, 15.3845, -35.6449
■ 47.5697, 18.9393, -33.0503	0.0000, INF, -NF
■ 58.0130, 19.6250, -33.6824	0.0000, NaN, -NF
■ 69.1253, 20.2130, -34.2901	0.0000, NaN, NaN
■ 80.8684, 20.7134, -34.8590	0.0000, NaN, NaN
■ 93.2101, 21.1345,	0.0000, NaN, NaN

-35.3819

0.0000, NaN, NaN

106.1228, 21.4830,
-35.8558

■ 20.7732, 16.1617,
-31.5065

■ 20.7732, 16.1617,
-31.5065

■ 18.0710, 19.8567,
-39.7748

■ 23.7520, 12.6231,
-24.1410

■ 15.7221, 23.5569,
-48.8154

■ 26.9489, 9.2759,
-17.6035

■ 13.8232, 26.8977,
-58.0204

■ 30.3226, 6.1073,
-11.7558

■ 12.3049, 29.9451,
-67.1704

■ 33.8431, 3.0893,
-6.4617

■ 12.0626, 30.5412,
-68.8219

■ 37.4882, 0.1925,
-1.6051

■ 41.2412, -2.6093,
2.9070

■ 45.0894, -5.3375,
7.1473

■ 49.0227, -8.0095,
11.1725

■ 53.0331, -10.6391,
15.0265

Harmonies

Analogous

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



20.7736, 1.2022, -42.2859



20.7732, 16.1617, -31.5065



20.7736, 28.4116, -12.4622

Triad

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



20.7736, 16.1618, -31.5058



20.7736, 11.2127, 13.9169



20.7736, -21.3230, -1.1391

Complementary

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



20.7732, 16.1617, -31.5065



38.0818, -13.9489, 19.0345

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.



20.7736, -19.9389, 9.1679



20.7732, 16.1617, -31.5065



20.7736, -3.3244, 14.5415

Square

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



20.7736, 16.1618, -31.5058



20.7736, 25.0756, 10.9503



20.7736, -14.1063, 13.1679



20.7736, -18.5414, -18.8546

Rectangle

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



20.7732, 16.1617, -31.5065



20.7736, 32.0283, -1.1906



20.7736, -14.1063, 13.1679



20.7736, -21.3206, 3.2118

Sweetspot

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



20.7736, 16.1618, -31.5058



45.2516, 4.1637, -8.6976



32.0218, -9.3161, -9.3579



21.2315, 2.4428, -4.9415



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



20.7736, 16.1618, -31.5058



23.0328, 28.3044, -57.3252



23.9570, 24.1932, -23.4785



18.2707, 0.1762, -0.9214



12.8131, 32.4976, -73.5385



27.9599, 71.9768, -168.7104

Inverse Universe

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



25.2751, 25.9527, -9.9298



30.8250, 42.0356, -15.2063



36.1785, -21.3732, 17.5114



18.5459, 1.0340, 0.0291



21.6869, 40.4635, -11.7529



48.2526, 89.7741, -24.1680

Previews

White Background



This preview shows how the HunterLab color 20.7732, 16.1617, -31.5065 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 20.7732, 16.1617, -31.5065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

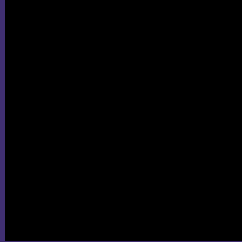
Any Text WCAG AA × Fail

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 20.7732, 16.1617, -31.5065 Background



This preview shows how black text looks on a background with the HunterLab color 20.7732, 16.1617, -31.5065.



This preview shows how white text looks on a background with the HunterLab color 20.7732, 16.1617, -31.5065.

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

20.7732, 16.1617, -31.5065

Protanopia

20.7527, 5.9524, -38.7885

Deuteranopia

20.6696, 0.2489, -26.3725



Tritanopia

20.8409, -2.3305, -1.4261

Trichromacy



Original Color

20.7732, 16.1617, -31.5065

Protanomaly

20.0907, 8.3449, -38.0548

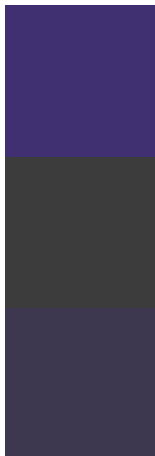
Deuteranomaly

20.0466, 4.8082, -30.3539

Tritanomaly

20.4507, 3.6637, -10.4772

Monochromacy



Original Color

20.7732, 16.1617, -31.5065

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

20.7099, 4.2841, -8.3408

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7732, 16.1617, -31.5065 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(64, 47, 113)` looks like.

```
.text, #text, p{  
    color:rgb(64, 47, 113)  
}
```

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(64, 47, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 47, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7732, 16.1617, -31.5065 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(64, 47, 113) }
```


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

```
.border{ border-color:rgb(64, 47, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 47, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 47, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 47, 113);  
box-shadow:4px 4px 4px 4px rgb(64, 47,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.7732, 16.1617, -31.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 47, 113) }
```

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

```
.background{ background-color: rgb(64, 47,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor