

Converting Colors

HunterLab(31.7793, 38.2942,
-3.1996)

Have a look what the booklet for
HunterLab(31.7793, 38.2942,
-3.1996) contains.

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Color

**HunterLab(31.7793, 38.2942,
-3.1996)**

Conversions

Conversions Part 1

Format	Color
Hex	993366
RGB	153, 51, 102
RGB Percent	60%, 20%, 40%
CMY	0.4000, 0.8000, 0.6000
CMYK	0.00, 0.67, 0.33, 0.40
HSL	330°, 50%, 40%
HSV	330°, 67%, 60%
XYZ	16.7189, 10.0992, 13.6385
YIQ	87.3120, 44.4210, 37.4850

Conversions

Conversions Part 2

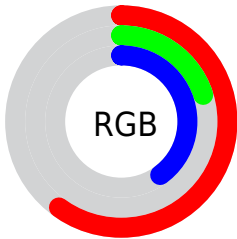
Format	Color
R_{YB}	153, 51, 102
Decimal	10040166
CIE _{Lab}	38.02, 47.30, -6.93
CIE _{LCh}	38, 47.810, 351.666
Yxy	10.0998, 0.4133, 0.2496
Android (android.graphics.Color)	4288230246 (0xFF993366)
YUV	87.3120, 7.2412, 57.6084
Hunter-Lab	31.7793, 38.2942, -3.1996

Details

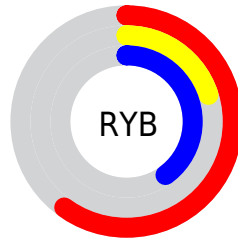
The HunterLab color **31.7793, 38.2942, -3.1996** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49.4427, -31.8105, 14.8338**, and the grayscale version is **30.9502, -1.6514, 1.6816**.

A 20% lighter version of the original color is **50.8942, 41.6810, -3.0181**, and **16.9485, 30.6522, -1.6640** is the 20% darker color. If you saturate the color by 10%, you get **29.7166, 42.8724, -2.2312**, and if you desaturate by 10%, it is **34.3842, 32.7446, -3.5049**.

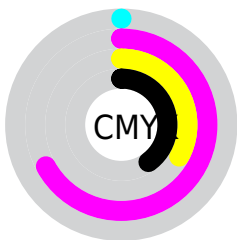
Distribution



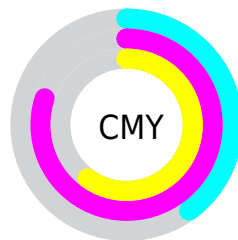
- Red (60%)
- Green (20%)
- Blue (40%)



- Red (60%)
- Yellow (20%)
- Blue (40%)



- Cyan (0%)
- Magenta (67%)
- Yellow (33%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7793, 38.2942, -3.1996 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 31.7793, 38.2942, -3.1996 by changing the saturation by 10% instead.

31.7793, 38.2942,
-3.1996

31.7793, 38.2942,
-3.1996

138.3411, 50.4593,
-0.1575

23.3777, 36.4256,
-3.2503

50.9735, 41.7288,
-2.8822

15.8830, 34.5468,
-3.2158

61.6445, 43.2760,
-2.6332

9.4232, 32.9457,
-3.0802

72.9709, 44.7125,
-2.3314

0.0000, INF, -NF

0.0000, NaN, NaN

84.9169, 46.0446,
-1.9810

0.0000, NaN, NaN

97.4518, 47.2791,
-1.5857

0.0000, NaN, NaN

0.0000, NaN, NaN

110.5491, 48.4225,

-1.1485

0.0000, NaN, NaN

124.1858, 49.4807,
-0.6717

■ 31.7793, 38.2942,
-3.1996

■ 31.7793, 38.2942,
-3.1996

■ 29.7166, 42.8724,
-2.2312

■ 34.3842, 32.7446,
-3.5049

■ 28.2317, 46.0816,
-0.5986

■ 37.4687, 26.6276,
-3.2239

■ 27.2917, 47.7651,
1.5629

■ 40.9679, 20.2465,
-2.4570

■ 27.0204, 48.2300,
2.2917

■ 44.8203, 13.8007,
-1.3041

■ 48.9723, 7.4040,
0.1498

■ 53.3797, 1.1119,
1.8377

■ 58.0063, -5.0554,
3.7086

■ 62.8227, -11.0971,
5.7247

■ 67.8054, -17.0226,
7.8577

Harmonies

Analogous

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



31.7801, 28.7754, -24.7671



31.7793, 38.2942, -3.1996



31.7801, 35.4327, 11.3232

Triad

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



31.7801, 38.2919, -3.1987



31.7801, -13.0530, 19.3119



31.7801, -19.7850, -34.3701

Complementary

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



31.7793, 38.2942, -3.1996



49.4427, -31.8105, 14.8338

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.



31.7801, -27.0479, -12.2844



31.7793, 38.2942, -3.1996



31.7801, -23.7785, 15.7489

Square

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



31.7801, 38.2919, -3.1987



31.7801, 3.2612, 19.8011



31.7801, -28.3348, 5.9770



31.7801, -6.3695, -48.0947

Rectangle

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



31.7793, 38.2942, -3.1996



31.7801, 27.1132, 16.3810



31.7801, -28.3348, 5.9770



31.7801, -22.8969, -27.2554

Sweetspot

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



31.7801, 38.2919, -3.1987



63.4201, 13.0895, -0.5667



27.3734, 33.0453, -47.8301



29.1309, 7.1836, -0.5013



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



31.7801, 38.2919, -3.1987



38.6927, 59.7437, -2.0177



30.6260, 33.3558, 13.3910



25.0432, 1.3007, 0.6645



24.5783, 43.8964, 1.8873



3.1249, 5.7985, -1.4462

Inverse Universe

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



31.7801, 38.2919, -3.1987



38.6927, 59.7437, -2.0177



50.7802, -23.8122, -4.3137



25.0432, 1.3007, 0.6645



24.5783, 43.8964, 1.8873



3.1249, 5.7985, -1.4462

Previews

White Background



This preview shows how the HunterLab color 31.7793, 38.2942, -3.1996 looks on a white background.

Color Contrast Check

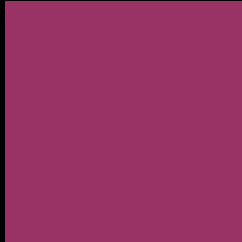
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7793, 38.2942, -3.1996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

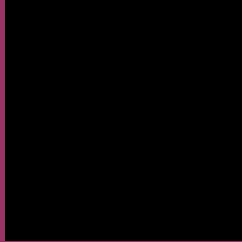
Any Text WCAG AA × Fail

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 31.7793, 38.2942, -3.1996 Background



This preview shows how black text looks on a background with the HunterLab color 31.7793, 38.2942, -3.1996.



This preview shows how white text looks on a background with the HunterLab color 31.7793, 38.2942, -3.1996.

-3.1996.

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

31.7793, 38.2942, -3.1996

Protanopia

32.1294, 2.7222, -17.8403

Deuteranopia

32.1392, 1.9133, -1.0256



Tritanopia

31.7583, 29.4001, 11.0286

Trichromacy



Original Color

31.7793, 38.2942, -3.1996

Protanomaly

30.6061, 14.5099, -14.6961

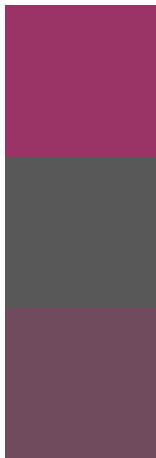
Deuteranomaly

31.1688, 14.7748, -2.9899

Tritanomaly

31.7106, 32.3237, 6.6294

Monochromacy



Original Color

31.7793, 38.2942, -3.1996

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.0828, 12.2456, -1.2044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7793, 38.2942, -3.1996 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(153, 51, 102)` looks like.

```
.text, #text, p{  
    color:rgb(153, 51, 102)  
}
```

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(153, 51, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 51, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7793, 38.2942, -3.1996 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(153, 51, 102) }
```


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

```
.border{ border-color:rgb(153, 51, 102) }
```

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

Here you see how a box with a 4 pixel rgb(153, 51, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 51, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 51, 102);  
box-shadow:4px 4px 4px 4px rgb(153, 51,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7793, 38.2942, -3.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 51, 102) }
```

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

```
.background{ background-color: rgb(153, 51,  
102) }
```

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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