

Converting Colors

HunterLab(31.8365, 40.2867,
1.1191)

Have a look what the booklet for
HunterLab(31.8365, 40.2867,
1.1191) contains.

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Color

**HunterLab(31.7686, 40.4455,
0.9564)**

Conversions

Conversions Part 1

Format	Color
Hex	9E2F5D
RGB	158, 47, 93
RGB Percent	62%, 18%, 36%
CMY	0.3804, 0.8157, 0.6353
CMYK	0.00, 0.70, 0.41, 0.38
HSL	335°, 54%, 40%
HSV	335°, 70%, 62%
XYZ	17.0929, 10.0924, 11.4031
YIQ	85.4330, 51.3900, 37.8380

Conversions

Conversions Part 2

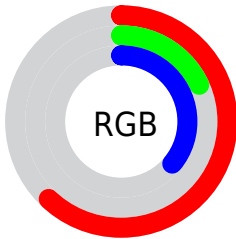
Format	Color
R_{YB}	158, 47, 93
Decimal	10366813
CIE _{Lab}	38.01, 49.43, -1.15
CIE _{LCh}	38, 49.443, 358.663
Yxy	10.0930, 0.4429, 0.2615
Android (android.graphics.Color)	4288556893 (0xFF9E2F5D)
YUV	85.4330, 3.7305, 63.6413
Hunter-Lab	31.7686, 40.4455, 0.9564

Details

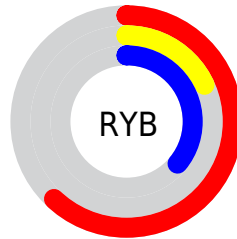
The HunterLab color **31.7686, 40.4455, 0.9564** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51.2135, -32.7262, 13.2357**, and the grayscale version is **30.2730, -1.6153, 1.6448**.

A 20% lighter version of the original color is **50.8817, 44.0225, 1.8428**, and **17.4069, 30.9889, 2.1085** is the 20% darker color. If you saturate the color by 10%, you get **29.8262, 44.6736, 2.5907**, and if you desaturate by 10%, it is **34.3032, 35.0819, -0.0891**.

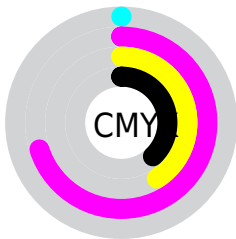
Distribution



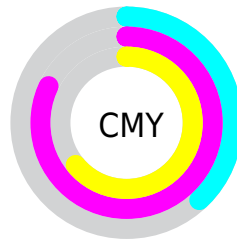
- Red (62%)
- Green (18%)
- Blue (36%)



- Red (62%)
- Yellow (18%)
- Blue (36%)



- Cyan (0%)
- Magenta (70%)
- Yellow (41%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7686, 40.4455, 0.9564 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 31.7686, 40.4455, 0.9564 by changing the saturation by 10% instead.

■ 31.7686, 40.4455,
0.9564

■ 31.7686, 40.4455,
0.9564

■ 138.3237, 53.2588,
6.2784

■ 23.3680, 38.5220,
0.5731

■ 50.9610, 44.0185,
1.8732

■ 15.8745, 36.6165,
0.2470

■ 61.6311, 45.6398,
2.3961

■ 9.4161, 35.0635,
-0.0102

■ 72.9568, 47.1509,
2.9580

0.0000, INF, NaN

0.0000, NaN, NaN

■ 84.9021, 48.5573,
3.5564

0.0000, NaN, NaN

■ 97.4363, 49.8652,
4.1893

0.0000, NaN, NaN

■ 110.5330, 51.0810,

0.0000, NaN, NaN

4.8549

0.0000, NaN, NaN

124.1690, 52.2104,
5.5517

■ 31.7686, 40.4455,
0.9564

■ 31.7686, 40.4455,
0.9564

■ 29.8262, 44.6736,
2.5907

■ 34.3032, 35.0819,
-0.0891

■ 28.5017, 47.3828,
4.7327

■ 37.3676, 29.0235,
-0.5603

■ 27.6699, 48.7847,
7.0338

■ 40.8921, 22.6210,
-0.5218

■ 44.8081, 16.1134,
-0.0574

■ 49.0554, 9.6401,
0.7519

■ 53.5837, 3.2711,
1.8368

■ 58.3520, -2.9665,
3.1421

■ 63.3272, -9.0695,
4.6244

■ 68.4827, -15.0469,
6.2508

Harmonies

Analogous

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



31.7695, 33.2791, -20.3853



31.7686, 40.4455, 0.9564



31.7695, 34.4027, 13.7472

Triad

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



31.7695, 40.4429, 0.9573



31.7695, -16.5484, 19.1140



31.7695, -17.6576, -40.7422

Complementary

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



31.7686, 40.4455, 0.9564



51.2135, -32.7262, 13.2357

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.



31.7695, -26.5644, -18.2703



31.7686, 40.4455, 0.9564



31.7695, -26.0305, 14.4600

Square

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



31.7695, 40.4429, 0.9573



31.7695, -0.8913, 20.1205



31.7695, -29.2564, 2.4824



31.7695, -2.4945, -51.3363

Rectangle

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



31.7686, 40.4455, 0.9564



31.7695, 24.3173, 17.7791



31.7695, -29.2564, 2.4824



31.7695, -21.3469, -33.8788

Sweetspot

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



31.7695, 40.4429, 0.9573



65.4212, 13.9980, 0.8658



28.1616, 38.4348, -50.0774



30.3464, 7.7157, 0.2640



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



31.7695, 40.4429, 0.9573



39.1278, 62.4492, 4.9752



32.1366, 32.8558, 15.4147



25.8640, 1.2633, 0.9372



24.7778, 43.7143, 6.0757



3.4350, 6.2869, -0.9158

Inverse Universe

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



31.7695, 40.4429, 0.9573



39.1278, 62.4492, 4.9752



49.4865, -21.4864, -8.6388



25.8640, 1.2633, 0.9372



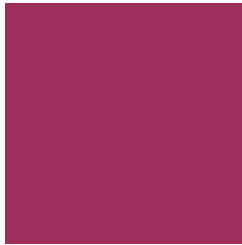
24.7778, 43.7143, 6.0757



3.4350, 6.2869, -0.9158

Previews

White Background



This preview shows how the HunterLab color 31.7686, 40.4455, 0.9564 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 31.7686, 40.4455, 0.9564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

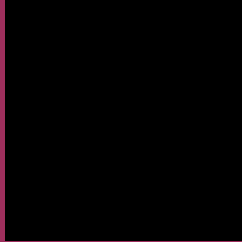
Any Text WCAG AA × Fail

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 31.7686, 40.4455, 0.9564 Background



This preview shows how black text looks on a background with the HunterLab color 31.7686, 40.4455, 0.9564.



This preview shows how white text looks on a background with the HunterLab color 31.7686, 40.4455,

0.9564.

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

31.7686, 40.4455, 0.9564

Protanopia

32.0476, 1.7417, -12.5105

Deuteranopia

31.9591, 2.0691, 3.0014



Tritanopia

31.8058, 33.3824, 12.4698

Trichromacy



Original Color

31.7686, 40.4455, 0.9564

Protanomaly

30.5587, 14.8275, -9.5318

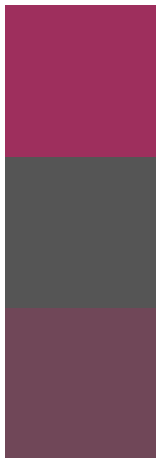
Deuteranomaly

30.6936, 16.1060, 0.9386

Tritanomaly

31.7475, 35.9197, 9.0586

Monochromacy



Original Color

31.7686, 40.4455, 0.9564

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

29.4207, 13.4127, -0.2420

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7686, 40.4455, 0.9564 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(158, 47, 93)` looks like.

```
.text, #text, p{  
    color:rgb(158, 47, 93)  
}
```

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(158, 47, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 47, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7686, 40.4455, 0.9564 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(158, 47, 93) }
```


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

```
.border{ border-color:rgb(158, 47, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 47, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 47, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 47, 93);  
box-shadow:4px 4px 4px 4px rgb(158, 47,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7686, 40.4455, 0.9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 47, 93) }
```

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

```
.background{ background-color: rgb(158, 47,  
93) }
```

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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