

Converting Colors

HunterLab(31.2555, 44.5272,
-40.4705)

Have a look what the booklet for
HunterLab(31.2555, 44.5272,
-40.4705) contains.

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Color

**HunterLab(31.2821, 44.6505,
-40.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	892F9D
RGB	137, 47, 157
RGB Percent	54%, 18%, 62%
CMY	0.4627, 0.8157, 0.3843
CMYK	0.13, 0.70, 0.00, 0.38
HSL	289°, 54%, 40%
HSV	289°, 70%, 62%
XYZ	17.4188, 9.7857, 32.8690
YIQ	86.4500, 18.3300, 53.2900

Conversions

Conversions Part 2

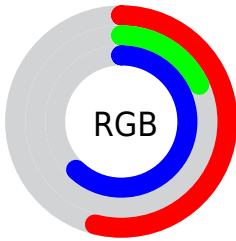
Format	Color
R _Y B	137, 47, 157
Decimal	8990621
CIE Lab	37.46, 53.60, -42.00
CIE LCh	37, 68.093, 321.917
Yxy	9.7861, 0.2900, 0.1629
Android (android.graphics.Color)	4287180701 (0xFF892F9D)
YUV	86.4500, 34.7812, 44.3324
Hunter-Lab	31.2821, 44.6505, -40.4002

Details

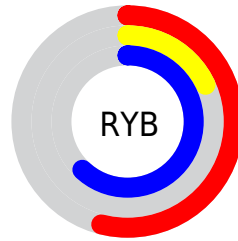
The HunterLab color **31.2821, 44.6505, -40.4002** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **50.5100, -35.7895, 27.3403**, and the grayscale version is **30.5431, -1.6297, 1.6595**.

A 20% lighter version of the original color is **50.3967, 48.2739, -41.3796**, and **16.9083, 34.9879, -35.8323** is the 20% darker color. If you saturate the color by 10%, you get **29.1730, 49.5304, -45.9856**, and if you desaturate by 10%, it is **33.9404, 38.6250, -34.1327**.

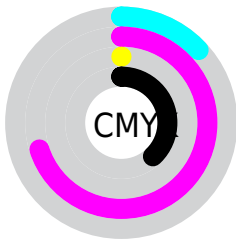
Distribution



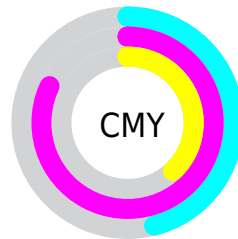
- Red (54%)
- Green (18%)
- Blue (62%)



- Red (54%)
- Yellow (18%)
- Blue (62%)



- Cyan (13%)
- Magenta (70%)
- Yellow (0%)
- Black (38%)














- Cyan (46%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2821, 44.6505, -40.4002 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 31.2821, 44.6505, -40.4002 by changing the saturation by 10% instead.

 31.2821, 44.6505, -40.4002	 31.2821, 44.6505, -40.4002
137.5277, 58.7390, -45.8574	 22.9290, 42.6356, -40.2066
 50.3909, 48.4890, -41.5407	 15.4889, 40.7125, -40.7622
 61.0236, 50.2555, -42.2244	 9.0852, 39.4106, -43.4082
 72.3140, 51.9138, -42.9112	0.0000, INF, -NF
	0.0000, NaN, -NF
 84.2258, 53.4672, -43.5778	0.0000, NaN, -NF
 96.7282, 54.9210, -44.2112	0.0000, NaN, NaN
 109.7944, 56.2805,	0.0000, NaN, NaN

-44.8045

0.0000, NaN, NaN

123.4011, 57.5514,
-45.3538

■ 31.2821, 44.6505,
-40.4002

■ 31.2821, 44.6505,
-40.4002

■ 29.1730, 49.5304,
-45.9856

■ 33.9404, 38.6250,
-34.1327

■ 27.6441, 52.8100,
-50.4558

■ 37.0870, 31.9191,
-27.5835

■ 26.5686, 54.6617,
-53.8553

■ 40.6563, 24.8910,
-21.0302

■ 44.5858, 17.7763,
-14.6336

■ 48.8210, 10.7096,
-8.4678

■ 53.3168, 3.7570,
-2.5527

■ 58.0362, -3.0567,
3.1206

■ 62.9495, -9.7299,
8.5749

■ 68.0328, -16.2723,
13.8375

Harmonies

Analogous

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



31.2828, 17.9012, -74.7892



31.2821, 44.6505, -40.4002



31.2828, 59.8760, -5.2676

Triad

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



31.2828, 44.6496, -40.3988



31.2828, 5.2242, 21.8979



31.2828, -34.4497, -20.0358

Complementary

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



31.2821, 44.6505, -40.4002



50.5100, -35.7895, 27.3403

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.



31.2828, -35.9561, 7.3655



31.2821, 44.6505, -40.4002



31.2828, -17.3682, 21.7114

Square

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



31.2828, 44.6496, -40.3988



31.2828, 32.9642, 20.4428



31.2828, -30.7606, 18.6414



31.2828, -25.7251, -57.9900

Rectangle

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



31.2821, 44.6505, -40.4002



31.2828, 58.9651, 9.6073



31.2828, -30.7606, 18.6414



31.2828, -35.6813, -9.0218

Sweetspot

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



31.2828, 44.6496, -40.3988



64.5519, 15.5944, -12.4206



26.5956, 15.7117, -54.4486



29.5952, 8.4372, -6.7989



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.



31.2828, 44.6496, -40.3988



37.8074, 69.0183, -65.0818



32.5741, 44.0682, -12.7692



25.8719, 1.5420, -1.0045



23.9745, 49.3035, -48.4338



3.4249, 6.8974, -5.7879

Inverse Universe

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



30.9947, 37.5270, 9.5972



37.7797, 58.4083, 16.7378



50.3241, -35.7622, 21.0171



25.8164, 1.0073, 1.6156



24.2821, 41.8903, 13.3150



3.3195, 5.8684, 0.7215

Previews

White Background



This preview shows how the HunterLab color 31.2821, 44.6505, -40.4002 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 31.2821, 44.6505, -40.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

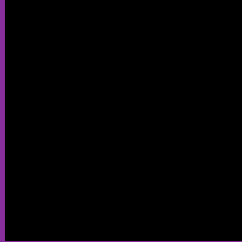
Any Text WCAG AA × Fail

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 31.2821, 44.6505, -40.4002 Background



This preview shows how black text looks on a background with the HunterLab color 31.2821, 44.6505, -40.4002.



This preview shows how white text looks on a background with the HunterLab color 31.2821, 44.6505, -40.4002.

-40.4002.

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

31.2821, 44.6505, -40.4002

Protanopia

31.6749, 10.9047, -63.1309

Deuteranopia

31.8099, 2.3187, -34.1392



Tritanopia

31.2494, 16.1325, 5.5034

Trichromacy



Original Color

31.2821, 44.6505, -40.4002



Protanomaly

28.8617, 18.6093, -63.1061



Deuteranomaly

29.8378, 16.6216, -41.2076



Tritanomaly

30.7801, 25.5441, -7.3801

Monochromacy



Original Color

31.2821, 44.6505, -40.4002



Achromatopsia

30.5056, -1.6277, 1.6574



Achromatomaly

29.6780, 14.6307, -12.0808

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2821, 44.6505, -40.4002 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(137, 47, 157)` looks like.

```
.text, #text, p{  
    color:rgb(137, 47, 157)  
}
```

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(137, 47, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 47, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2821, 44.6505, -40.4002 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(137, 47, 157) }
```


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

```
.border{ border-color:rgb(137, 47, 157) }
```

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

Here you see how a box with a 4 pixel rgb(137, 47, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 47, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 47, 157);  
box-shadow:4px 4px 4px 4px rgb(137, 47,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2821, 44.6505, -40.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 47, 157) }
```

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

```
.background{ background-color: rgb(137, 47,  
157) }
```

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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