

Converting Colors

HunterLab(27.4694, 33.0716,
-47.8437)

Have a look what the booklet for
HunterLab(27.4694, 33.0716,
-47.8437) contains.

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Color

**HunterLab(27.3721, 33.0473,
-47.8337)**

Conversions

Conversions Part 1

Format	Color
Hex	663399
RGB	102, 51, 153
RGB Percent	40%, 20%, 60%
CMY	0.6000, 0.8000, 0.4000
CMYK	0.33, 0.67, 0.00, 0.40
HSL	270°, 50%, 40%
HSV	270°, 67%, 60%
XYZ	12.4131, 7.4923, 30.9288
YIQ	77.8770, -2.3460, 42.5340

Conversions

Conversions Part 2

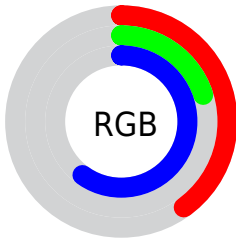
Format	Color
R_{YB}	102, 51, 153
Decimal	6697881
CIE _{Lab}	32.90, 42.89, -47.16
CIE _{LCh}	33, 63.745, 312.289
Y _{xy}	7.4926, 0.2442, 0.1474
Android (android.graphics.Color)	4284887961 (0xFF663399)
Y _{UV}	77.8770, 37.0356, 21.1559
Hunter-Lab	27.3721, 33.0473, -47.8337

Details

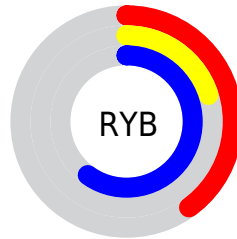
The HunterLab color **27.3721, 33.0473, -47.8337** is a dark color, and the websafe version is hex **663399**, and the color name is **rebeccapurple**. A complement of this color would be **50.8392, -27.6365, 27.1903**, and the grayscale version is **27.4295, -1.4636, 1.4903**.

A 20% lighter version of the original color is **45.8580, 36.3022, -48.2605**, and **12.5218, 28.9474, -50.0734** is the 20% darker color. If you saturate the color by 10%, you get **24.3762, 38.0668, -57.6150**, and if you desaturate by 10%, it is **30.8616, 27.5616, -38.3989**.

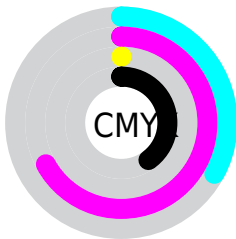
Distribution



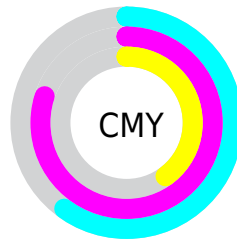
- Red (40%)
- Green (20%)
- Blue (60%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.3721, 33.0473, -47.8337 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 27.3721, 33.0473, -47.8337 by changing the saturation by 10% instead.

27.3721, 33.0473,
-47.8337

27.3721, 33.0473,
-47.8337

131.0329, 44.2844,
-53.3211

19.4217, 31.2671,
-48.3358

45.7794, 36.2994,
-48.5197

12.4373, 29.4949,
-50.4896

56.0987, 37.7460,
-49.1701

5.6690, 36.1378,
-68.2248

67.0946, 39.0783,
-49.8836

0.0000, INF, -NF

0.0000, NaN, -NF

78.7276, 40.3038,
-50.6141

0.0000, NaN, -NF

90.9646, 41.4302,
-51.3355

0.0000, NaN, NaN

103.7772, 42.4649,

0.0000, NaN, NaN

-52.0325

0.0000, NaN, NaN

117.1406, 43.4144,
-52.6961

■ 27.3721, 33.0473,
-47.8337

■ 27.3721, 33.0473,
-47.8337

■ 24.3762, 38.0668,
-57.6150

■ 30.8616, 27.5616,
-38.3989

■ 21.9692, 42.0716,
-67.0595

■ 34.7525, 21.9488,
-29.6171

■ 20.1871, 44.5538,
-75.2942

■ 38.9710, 16.3798,
-21.5496

■ 19.6394, 45.3434,
-78.0862

■ 43.4591, 10.9241,
-14.1447

■ 48.1724, 5.5985,
-7.3107

■ 53.0772, 0.3960,
-0.9518

■ 58.1476, -4.6998,
5.0188

■ 63.3632, -9.7075,
10.6744

■ 68.7080, -14.6448,
16.0751

Harmonies

Analogous

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



27.3726, 8.0950, -73.7224



27.3721, 33.0473, -47.8337



27.3726, 51.3455, -13.7221

Triad

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



27.3726, 33.0473, -47.8326



27.3726, 12.5707, 19.1608



27.3726, -31.6627, -8.4868

Complementary

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



27.3721, 33.0473, -47.8337



50.8392, -27.6365, 27.1903

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.



27.3726, -31.1453, 11.0934



27.3721, 33.0473, -47.8337



27.3726, -9.8646, 19.1608

Square

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



27.3726, 33.0473, -47.8326



27.3726, 37.1983, 17.0654



27.3726, -24.4340, 17.7111



27.3726, -26.1770, -41.5232

Rectangle

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



27.3721, 33.0473, -47.8337



27.3726, 54.6387, 3.0428



27.3726, -24.4340, 17.7111



27.3726, -32.1208, -0.1595

Sweetspot

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



27.3726, 33.0473, -47.8326



62.0817, 10.1298, -13.1131



35.3647, -1.9931, -28.7690



28.4115, 5.6196, -7.2644



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.



27.3726, 33.0473, -47.8326



30.9320, 53.8013, -83.4508



33.8231, 46.7313, -31.1689



24.8403, 0.8231, -1.2175



17.9099, 41.2843, -70.6971



2.6374, 5.5940, -6.6481

Inverse Universe

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



31.7795, 38.2937, -3.1990



38.6927, 59.7439, -2.0185



48.7087, -36.3021, 25.5660



25.0432, 1.3007, 0.6645



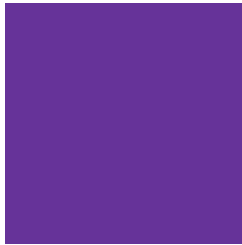
24.5783, 43.8966, 1.8867



3.1249, 5.7985, -1.4462

Previews

White Background



This preview shows how the HunterLab color 27.3721, 33.0473, -47.8337 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 27.3721, 33.0473, -47.8337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

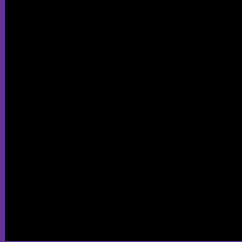
Any Text WCAG AA × Fail

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 27.3721, 33.0473, -47.8337 Background



This preview shows how black text looks on a background with the HunterLab color 27.3721, 33.0473, -47.8337.



This preview shows how white text looks on a background with the HunterLab color 27.3721, 33.0473, -47.8337.

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

27.3721, 33.0473, -47.8337

Protanopia

27.4506, 9.0157, -53.7732

Deuteranopia

27.3058, 0.9566, -36.1949



Tritanopia

27.4799, 3.3639, 0.6171

Trichromacy



Original Color

27.3721, 33.0473, -47.8337

Protanomaly

25.9308, 15.1768, -56.6903

Deuteranomaly

25.8131, 9.6299, -44.5303

Tritanomaly

26.9910, 13.0546, -13.6951

Monochromacy



Original Color

27.3721, 33.0473, -47.8337

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

26.7963, 10.0440, -12.8832

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.3721, 33.0473, -47.8337 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(102, 51, 153)` looks like.

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

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

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

Border

The CSS property to change the border of an element to HunterLab 27.3721, 33.0473, -47.8337 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(102, 51, 153) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to HunterLab 27.3721, 33.0473, -47.8337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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