

Converting Colors

HunterLab(48.9487, 27.2226,
-29.7664)

Have a look what the booklet for
HunterLab(48.9487, 27.2226,
-29.7664) contains.

HunterLab(48.9487, 27.2226, -29.7664)	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(48.9487, 27.2226,
-29.7664)**

Conversions

Conversions Part 1

Format	Color
Hex	A473C0
RGB	164, 115, 192
RGB Percent	64%, 45%, 75%
CMY	0.3569, 0.5490, 0.2471
CMYK	0.15, 0.40, 0.00, 0.25
HSL	278°, 38%, 60%
HSV	278°, 40%, 75%
XYZ	30.9550, 23.9598, 52.8624
YIQ	138.4290, 4.4870, 34.3350

Conversions

Conversions Part 2

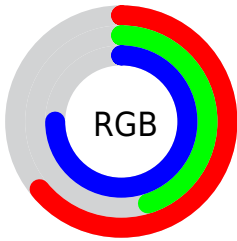
Format	Color
RYB	164, 115, 192
Decimal	10777536
CIELab	56.05, 33.46, -32.97
CIELCh	56, 46.971, 315.420
Yxy	23.9607, 0.2872, 0.2223
Android (android.graphics.Color)	4288967616 (0xFFA473C0)
YUV	138.4290, 26.4105, 22.4258
Hunter-Lab	48.9487, 27.2226, -29.7664

Details

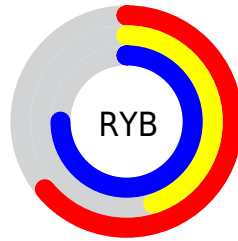
The HunterLab color $48.9487, 27.2226, -29.7664$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $66.9158, -28.3471, 26.3648$, and the grayscale version is $50.4822, -2.6936, 2.7428$.

A 20% lighter version of the original color is $70.7534, 29.1082, -30.9944$, and $29.9918, 25.0836, -28.6135$ is the 20% darker color. If you saturate the color by 10%, you get $43.9384, 35.1842, -39.6029$, and if you desaturate by 10%, it is $54.3768, 19.2697, -20.5314$.

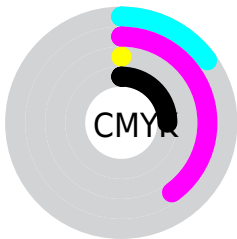
Distribution



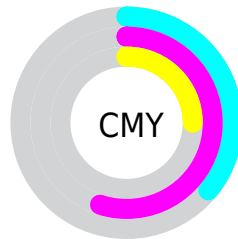
- Red (64%)
- Green (45%)
- Blue (75%)



- Red (64%)
- Yellow (45%)
- Blue (75%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9487, 27.2226, -29.7664 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 48.9487, 27.2226, -29.7664 by changing the saturation by 10% instead.

48.9487, 27.2226,
-29.7664

48.9487, 27.2226,
-29.7664

165.1127, 33.3933,
-33.3745

39.1210, 26.0647,
-29.1552

70.6867, 29.1927,
-30.9089

30.0556, 24.7789,
-28.5683

82.5131, 30.0276,
-31.4146

21.8242, 23.3570,
-28.0999

94.9340, 30.7738,
-31.8692

14.5219, 21.8112,
-27.9944

107.9224, 31.4383,
-32.2718

8.1829, 20.8680,
-29.5432

121.4544, 32.0275,
-32.6224

0.0000, INF, -NF

0.0000, NaN, -NF

135.5089, 32.5467,

-32.9221

0.0000, NaN, NaN

150.0673, 33.0006,
-33.1723

0.0000, NaN, NaN

■ 48.9487, 27.2226,
-29.7664

■ 48.9487, 27.2226,
-29.7664

■ 43.9384, 35.1842,
-39.6029

■ 54.3768, 19.2697,
-20.5314

■ 39.4282, 42.9378,
-49.9439

■ 60.1510, 11.4310,
-11.8908

■ 35.5201, 50.0811,
-60.4781

■ 66.2185, 3.7414,
-3.7827

■ 32.3196, 55.9966,
-70.5899

■ 72.5370, -3.7973,
3.8683

■ 29.9099, 59.9427,
-79.3759

■ 79.0734, -11.1987,
11.1360

■ 28.2077, 61.7981,
-86.3581

■ 85.8017, -18.4821,
18.0866

■ 92.7008, -25.6679,
24.7767

■ 95.1415, -26.2623,
27.0884

■ 95.7238, -24.1143,
27.6738

Harmonies

Analogous

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



48.9497, 7.8137, -46.0185



48.9487, 27.2226, -29.7664



48.9497, 39.4539, -7.2453

Triad

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



48.9497, 27.2215, -29.7650



48.9497, 7.2371, 26.2098



48.9497, -33.9017, -7.8575

Complementary

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



48.9487, 27.2226, -29.7664



66.9158, -28.3471, 26.3648

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.



48.9497, -34.0060, 10.8564



48.9487, 27.2226, -29.7664



48.9497, -12.2367, 26.1550

Square

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



48.9497, 27.2215, -29.7650



48.9497, 26.7425, 21.9378



48.9497, -26.6673, 21.7382



48.9497, -26.3555, -30.3623

Rectangle

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



48.9487, 27.2226, -29.7664



48.9497, 40.8321, 5.9311



48.9497, -26.6673, 21.7382



48.9497, -34.7637, -0.8440

Sweetspot

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



48.9497, 27.2215, -29.7650



87.3991, 7.1821, -7.3182



52.1216, -0.6538, -24.6225



39.9791, 3.9538, -4.0448



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



48.9497, 27.2215, -29.7650



60.0078, 45.9393, -51.4986



51.8027, 34.3768, -17.9655



31.7151, 1.5160, -1.5272



23.2363, 50.8135, -70.4159



5.2069, 11.0420, -13.1076

Inverse Universe

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



50.4500, 27.8617, 1.0337



62.6866, 46.8028, 1.7810



65.4463, -33.6918, 22.0790



31.8388, 1.5859, 1.3276



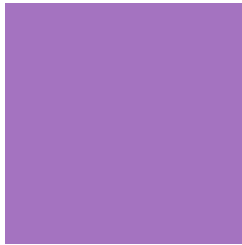
28.0188, 49.0885, 9.5353



5.9371, 10.6168, 0.3533

Previews

White Background



This preview shows how the HunterLab color 48.9487, 27.2226, -29.7664 looks on a white background.

Color Contrast Check

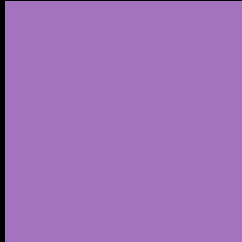
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.9487, 27.2226, -29.7664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

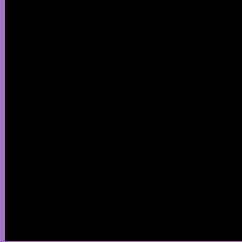
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.9487, 27.2226, -29.7664 Background



This preview shows how black text looks on a background with the HunterLab color 48.9487, 27.2226, -29.7664.



This preview shows how white text looks on a background with the HunterLab color 48.9487, 27.2226, -29.7664.

-29.7664.

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

48.9487, 27.2226, -29.7664

Protanopia

49.1395, 6.9118, -40.0538

Deuteranopia

49.1110, 3.7113, -27.1111



Tritanopia

48.9423, 7.7995, 1.6238

Trichromacy



Original Color

48.9487, 27.2226, -29.7664

Protanomaly

48.7113, 13.3491, -37.0094

Deuteranomaly

48.5617, 11.7589, -28.6508

Tritanomaly

48.8563, 14.1320, -8.3581

Monochromacy



Original Color

48.9487, 27.2226, -29.7664

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

49.6356, 7.3109, -7.9264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9487, 27.2226, -29.7664 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(164, 115, 192)` looks like.

```
.text, #text, p{  
    color:rgb(164, 115, 192)  
}
```

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(164, 115, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 115, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9487, 27.2226, -29.7664 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(164, 115, 192) }
```


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

```
.border{ border-color:rgb(164, 115, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 115, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 115, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 115, 192);  
box-shadow:4px 4px 4px 4px rgb(164, 115,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9487, 27.2226, -29.7664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 115, 192) }
```

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

```
.background{ background-color: rgb(164,  
115, 192) }
```

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