

Converting Colors

HunterLab(47.6317, 88.5223,
-23.1090)

Have a look what the booklet for
HunterLab(47.6317, 88.5223,
-23.1090) contains.

HunterLab(47.6527, 88.5217, -22.8120)	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(47.6527, 88.5217,
-22.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	F500B4
RGB	245, 0, 180
RGB Percent	96%, 0%, 71%
CMY	0.0392, 0.9998, 0.2941
CMYK	0.00, 1.00, 0.27, 0.04
HSL	316°, 100%, 48%
HSV	316°, 100%, 96%
XYZ	45.8945, 22.7078, 45.1442
YIQ	93.7750, 88.2400, 107.9200

Conversions

Conversions Part 2

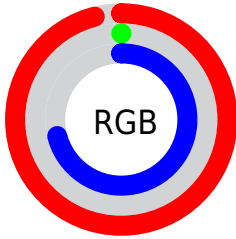
Format	Color
R_{YB}	245, 0, 180
Decimal	16056500
CIE _{Lab}	54.77, 87.22, -27.12
CIE _{LCh}	55, 91.334, 342.730
Yxy	22.7090, 0.4035, 0.1996
Android (android.graphics.Color)	4294246580 (0xFFFF500B4)
YUV	93.7750, 42.5089, 132.6243
Hunter-Lab	47.6527, 88.5217, -22.8120

Details

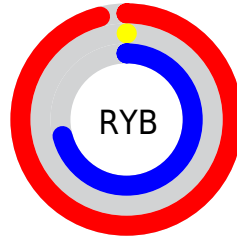
The HunterLab color **47.6527, 88.5217, -22.8120** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **81.0480, -67.8137, 45.0898**, and the grayscale version is **33.2081, -1.7719, 1.8043**.

A 20% lighter version of the original color is **60.3577, 74.5889, -39.4552**, and **34.0582, 62.8246, -12.8675** is the 20% darker color. If you saturate the color by 10%, you get **47.6522, 88.5197, -22.8038**, and if you desaturate by 10%, it is **48.6369, 87.0512, -25.4773**.

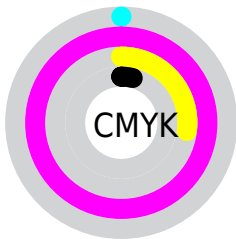
Distribution



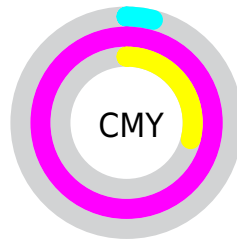
- Red (96%)
- Green (0%)
- Blue (71%)



- Red (96%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6527, 88.5217, -22.8120 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 47.6527, 88.5217, -22.8120 by changing the saturation by 10% instead.

47.6527, 88.5217,
-22.8120

47.6527, 88.5217,
-22.8120

163.1646,
109.5118, -25.1523

37.9194, 86.0059,
-22.2832

69.2207, 93.6467,
-23.7155

28.9562, 83.7075,
-21.7311

80.9690, 96.1522,
-24.0834

20.8375, 81.9649,
-21.2088

93.3156, 98.5865,
-24.3941

13.6626, 81.6556,
-20.8688

106.2329,
100.9405, -24.6491

7.2679, 90.3963,
-22.5801

119.6966,
103.2101, -24.8503

0.0000, INF, -NF

0.0000, NaN, NaN

133.6856,

105.3944, -24.9998

0.0000, NaN, NaN

148.1806,
107.4943, -25.0997

■ 47.6527, 88.5217,
-22.8120

■ 47.6527, 88.5217,
-22.8120

■ 47.6522, 88.5197,
-22.8038

■ 48.6369, 87.0512,
-25.4773

■ 50.4619, 82.8375,
-26.7360

■ 53.2895, 75.7084,
-26.2972

■ 57.1091, 66.2482,
-24.2763

■ 61.8443, 55.2282,
-20.9621

■ 67.3882, 43.3470,
-16.6865

■ 73.6289, 31.1168,
-11.7415

■ 80.4634, 18.8598,
-6.3497

■ 87.8029, 6.7525,
-0.6667

Harmonies

Analogous

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



47.6540, 57.4197, -81.1659



47.6527, 88.5217, -22.8120



47.6540, 90.9916, 15.4437

Triad

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



47.6540, 88.5175, -22.8100



47.6540, -17.5149, 32.8929



47.6540, -45.0175, -72.1195

Complementary

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



47.6527, 88.5217, -22.8120



81.0480, -67.8137, 45.0898

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.



47.6540, -54.7073, -15.2773



47.6527, 88.5217, -22.8120



47.6540, -42.4883, 30.5513

Square

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



47.6540, 88.5175, -22.8100



47.6540, 20.9874, 32.7300



47.6540, -53.9545, 18.8830



47.6540, -22.2451, -121.7593

Rectangle

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



47.6527, 88.5217, -22.8120



47.6540, 75.2240, 26.8680



47.6540, -53.9545, 18.8830



47.6540, -49.5408, -51.9126

Sweetspot

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



47.6540, 88.5175, -22.8100



76.9941, 32.6738, -12.3341



27.5592, 71.1060, -167.6227



34.3076, 17.6269, -6.7489

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6540, 88.5175, -22.8100



49.8619, 92.6140, -23.7792



44.4452, 76.8722, 22.7884



40.8520, 2.8547, -0.1766



35.0099, 65.0941, -17.2104



10.4604, 19.5872, -6.2129

Inverse Universe

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



47.6540, 88.5175, -22.8100



49.8619, 92.6140, -23.7792



82.9194, -56.2453, 17.7778



40.8520, 2.8547, -0.1766



35.0099, 65.0941, -17.2104



10.4604, 19.5872, -6.2129

Previews

White Background



This preview shows how the HunterLab color 47.6527, 88.5217, -22.8120 looks on a white background.

Color Contrast Check

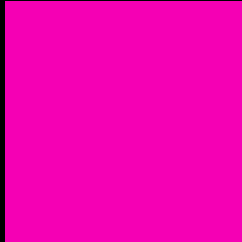
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6527, 88.5217, -22.8120 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 47.6527, 88.5217, -22.8120 Background



This preview shows how black text looks on a background with the HunterLab color 47.6527, 88.5217, -22.8120.



This preview shows how white text looks on a background with the HunterLab color 47.6527, 88.5217, -22.8120.

-22.8120.

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

47.6527, 88.5217, -22.8120

Protanopia

48.5994, 16.4427, -85.1844

Deuteranopia

48.2747, 3.5327, -15.6904



Tritanopia

47.9640, 59.0237, 22.5801

Trichromacy



Original Color

47.6527, 88.5217, -22.8120



Protanomaly

39.9979, 44.6889, -83.3722



Deuteranomaly

42.0846, 41.3685, -28.3297



Tritanomaly

46.4697, 71.7667, 9.9579

Monochromacy



Original Color

47.6527, 88.5217, -22.8120



Achromatopsia

33.4563, -1.7851, 1.8177



Achromatomaly

33.3196, 36.5774, -13.3529

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6527, 88.5217, -22.8120 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(245, 0, 180)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 180)  
}
```

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(245, 0, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6527, 88.5217, -22.8120 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(245, 0, 180) }
```


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

```
.border{ border-color:rgb(245, 0, 180) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 180);  
box-shadow:4px 4px 4px 4px rgb(245, 0,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6527, 88.5217, -22.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 180) }
```

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

```
.background{ background-color: rgb(245, 0,  
180) }
```

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