

Converting Colors

RGB(246, 82, 236)

Have a look what the booklet for
RGB(246, 82, 236) contains.

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Color

RGB(246, 82, 236)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F652EC |
| RGB | 246, 82, 236 |
| RGB Percent | 96%, 32%, 93% |
| CMY | 0.0353, 0.6784, 0.0745 |
| CMYK | 0.00, 0.67, 0.04, 0.04 |
| HSL | 304°, 90%, 64% |
| HSV | 304°, 67%, 96% |
| XYZ | 56.1637, 31.6835, 82.5123 |
| YIQ | 148.5920, 48.3100, 82.6620 |

Conversions

Conversions Part 2

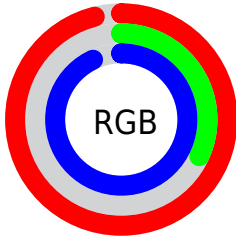
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 246, 82, 236 |
| Decimal | 16143084 |
| CIE Lab | 63.08, 78.71, -45.99 |
| CIE LCh | 63, 91.164, 329.700 |
| Yxy | 31.6835, 0.3297, 0.1860 |
| Android (android.graphics.Color) | 4294333164 (0xFFFF652EC) |
| YUV | 148.5920, 43.0921, 85.4268 |
| Hunter-Lab | 56.2881, 79.6010, -47.5110 |

Details

The RGB color **246, 82, 236** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **82, 246, 92**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 143, 255**, and **186, 0, 180** is the 20% darker color. If you saturate the color by 10%, you get **246, 57, 235**, and if you desaturate by 10%, it is **246, 107, 238**.

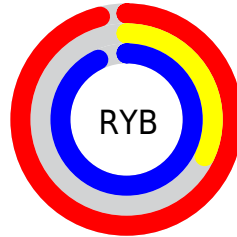
Distribution



Red (96%)

Green (32%)

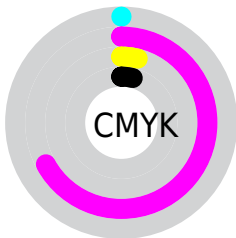
Blue (93%)



Red (96%)

Yellow (32%)

Blue (93%)

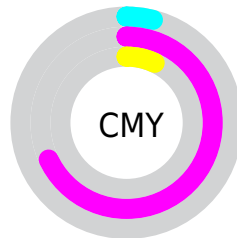


Cyan (0%)

Magenta (67%)

Yellow (4%)

Black (4%)



Cyan (4%)
















Magenta (68%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RGB color 246, 82, 236 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 RGB color 246, 82, 236 by changing the saturation by 10% instead.


| | |
|---|--|
|  246, 82, 236 |  246, 82, 236 |
| 255, 255, 255 |  216, 47, 207 |
|  255, 143, 255 |  186, 0, 180 |
|  255, 172, 255 |  157, 0, 152 |
|  255, 202, 255 |  128, 0, 126 |
|  255, 232, 255 |  99, 0, 100 |
| |  72, 0, 76 |
| |  43, 0, 52 |
| |  0, 0, 30 |
| |  0, 0, 0 |

 246, 82, 236

 246, 82, 236

 246, 57, 235

 246, 107, 238

 246, 33, 233

 246, 131, 239

 246, 8, 232

 246, 156, 241

 246, 0, 231

 246, 180, 242

 246, 205, 244

 246, 230, 245

 246, 254, 246

 246, 255, 248

 246, 255, 250

Harmonies

Analogous

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



137, 131, 255



246, 82, 236



255, 32, 157

Triad

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



246, 82, 236



185, 149, 0



0, 187, 232

Complementary

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



246, 82, 236



82, 246, 92

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.



0, 186, 150



246, 82, 236



104, 171, 0

Square

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



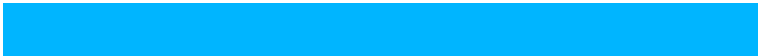
246, 82, 236



247, 114, 0



0, 182, 63



0, 181, 255

Rectangle

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



246, 82, 236



255, 47, 104



0, 182, 63



0, 187, 205

Sweetspot

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



246, 82, 236



255, 204, 252



90, 82, 246



128, 97, 126



0, 0, 0



128, 128, 128

Same Dimension

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



246, 82, 236



255, 51, 243



246, 82, 156



122, 110, 122



186, 0, 175



59, 0, 55

Inverse Universe

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



246, 82, 236



255, 51, 243



82, 246, 172



122, 110, 122



186, 0, 175



59, 0, 55

Previews

White Background



This preview shows how the RGB color 246, 82, 236 looks on a white background.

Color Contrast Check

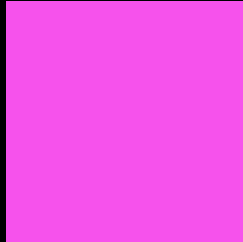
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 246, 82, 236 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 ✓ Pass

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

RGB 246, 82, 236 Background



This preview shows how black text looks on a background with the RGB color 246, 82, 236.



This preview shows how white text looks on a background with the RGB color 246, 82, 236.

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
246, 82, 236

Protanopia
108, 150, 255

Deuteranopia
122, 152, 225



Tritanopia
234, 116, 124

Trichromacy



Original Color

246, 82, 236



Protanomaly

158, 125, 248



Deuteranomaly

167, 127, 229



Tritanomaly

238, 104, 165

Monochromacy



Original Color

246, 82, 236



Achromatopsia

149, 149, 149



Achromatomaly

184, 125, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 246, 82, 236 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(246, 82, 236) looks like.

```
.text, #text, p{  
    color:rgb(246, 82, 236)  
}
```

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(246, 82, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 82, 236) }
```

Border

The CSS property to change the border of an element to RGB 246, 82, 236 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(246, 82, 236) }
```

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

```
.border{ border-color:rgb(246, 82, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 82, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 82, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 82, 236);  
box-shadow:4px 4px 4px 4px rgb(246, 82,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 246, 82, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 82, 236) }
```

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

```
.background{ background-color: rgb(246, 82,  
236) }
```

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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