

Converting Colors

Hex(F12576)

Have a look what the booklet for
Hex(F12576) contains.

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Color

Hex(F12576)

Conversions

Conversions Part 1

Format	Color
Hex	F12576
RGB	241, 37, 118
RGB Percent	95%, 15%, 46%
CMY	0.0549, 0.8549, 0.5373
CMYK	0.00, 0.85, 0.51, 0.05
HSL	336°, 88%, 55%
HSV	336°, 85%, 95%
XYZ	40.2072, 21.3319, 19.1379
YIQ	107.2300, 95.5830, 68.4390

Conversions

Conversions Part 2

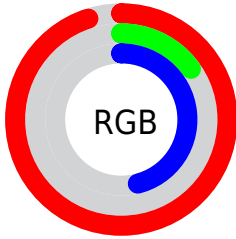
Format	Color
R_{YB}	241, 37, 118
Decimal	15803766
CIE _{Lab}	53.31, 76.59, 7.47
CIE _{LCh}	53, 76.950, 5.571
Yxy	21.3319, 0.4984, 0.2644
Android (android.graphics.Color)	4293993846 (0xFFFF12576)
YUV	107.2300, 5.3096, 117.3163
Hunter-Lab	46.1865, 74.5651, 7.7631

Details

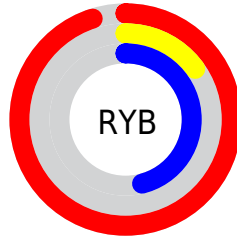
The Hex color **F12576** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **25F1A0**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6CAA**, and **B20046** is the 20% darker color. If you saturate the color by 10%, you get **F10D67**, and if you desaturate by 10%, it is **F13D85**.

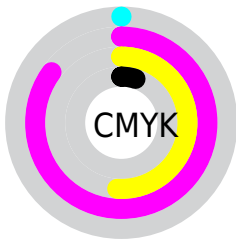
Distribution



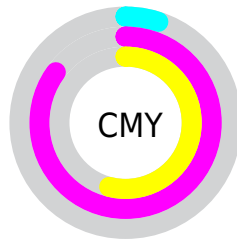
- Red (95%)
- Green (15%)
- Blue (46%)



- Red (95%)
- Yellow (15%)
- Blue (46%)



- Cyan (0%)
- Magenta (85%)
- Yellow (51%)
- Black (5%)



- Cyan (5%)
- Magenta (85%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color F12576 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 Hex color F12576 by changing the saturation by 10% instead.

 F12576

 F12576

FFFFFF

 D1005E

 FF6CAA

 B20046

 FF8AC5

 930030

 FFA8E1

 74001C

 FFC6FD

 570003

 FFE4FF

 380002

 0C0000

 000000

 F12576

 F12576

 F10D67

 F13D85

 F10060

 F15593

 F16DA2

 F185B0

 F19DBF

 F1B6CD

 F1CEDC

 F1E6EA

 F1FEF9

Harmonies

Analogous

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



D63FB7



F12576



E84236

Triad

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



F12576



479000



0095F9

Complementary

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



F12576



25F1A0

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.



009BCB



F12576



009844

Square

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



F12576



8F8100



009C8A



0084FF

Rectangle

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



F12576



D35B00



009C8A



0098ED

Sweetspot

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



F12576



FFBFD9



9F25F1



805968



000000



808080

Same Dimension

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



F12576



FF0065



F13925



786C71



B80049



380016

Inverse Universe

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



F12576



FF0065



25DDF1



786C71



B80049



380016

Previews

White Background



This preview shows how the Hex color F12576 looks on a white background.

Color Contrast Check

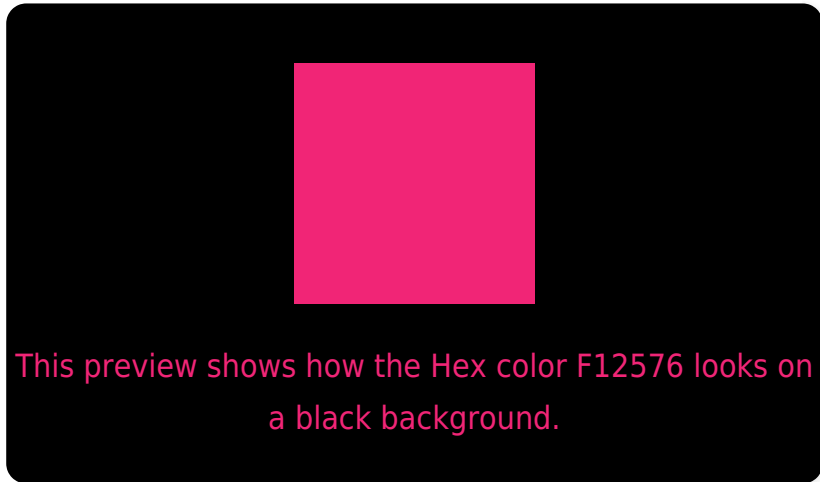
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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](#).

Hex F12576 Background



This preview shows how black text looks on a background with the Hex color F12576.

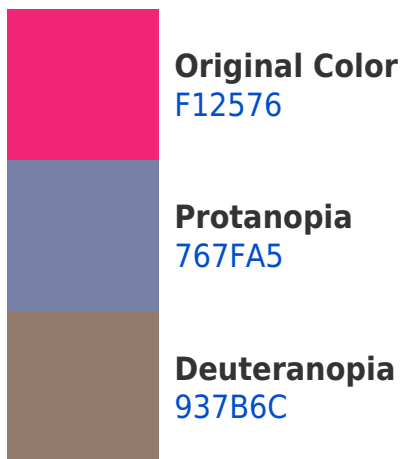


This preview shows how white text looks on a background with the Hex color F12576.

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



Trichromacy



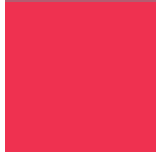
Original Color
F12576



Protanomaly
A35E94



Deuteranomaly
B55C70

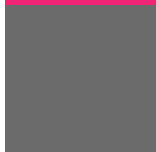


Tritanomaly
EF3150

Monochromacy



Original Color
F12576



Achromatopsia
6B6B6B



Achromatomaly
9C526F

CSS Examples

Text

The CSS property to change the color of the text to Hex F12576 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 #F12576 looks like.

```
.text, #text, p{  
    color:#F12576  
}
```

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 #F12576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F12576
}
```

Border

The CSS property to change the border of an element to Hex F12576 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
#F12576 }
```

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

```
.border{ border-color:#F12576 }
```

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

Here you see how a box with a 4 pixel #F12576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F12576; -webkit-box-shadow:4px 4px  
4px 4px #F12576; box-shadow:4px 4px 4px  
4px #F12576 }
```

Background

The CSS property to change the background color of an element to Hex F12576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F12576 }
```

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

```
.background{ background-color:#F12576 }
```

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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