

Converting Colors

Hex(F21457)

Have a look what the booklet for
Hex(F21457) contains.

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Color

Hex(F21457)

Conversions

Conversions Part 1

Format	Color
Hex	F21457
RGB	242, 20, 87
RGB Percent	95%, 8%, 34%
CMY	0.0510, 0.9216, 0.6588
CMYK	0.00, 0.92, 0.64, 0.05
HSL	342°, 90%, 51%
HSV	342°, 92%, 95%
XYZ	38.5884, 20.0657, 10.8561
YIQ	94.0160, 110.8050, 67.9010

Conversions

Conversions Part 2

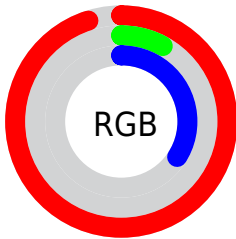
Format	Color
R_{YB}	242, 20, 87
Decimal	15864919
CIE Lab	51.91, 77.51, 24.35
CIE LCh	52, 81.247, 17.439
Yxy	20.0657, 0.5551, 0.2887
Android (android.graphics.Color)	4294054999 (0xFFFF21457)
YUV	94.0160, -3.4589, 129.7820
Hunter-Lab	44.7947, 75.3780, 16.9873

Details

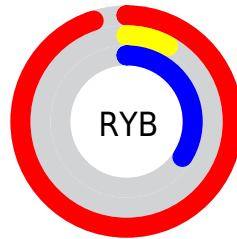
The Hex color **F21457** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **14F2AF**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF6488**, and **B2002B** is the 20% darker color. If you saturate the color by 10%, you get **F20049**, and if you desaturate by 10%, it is **F22C68**.

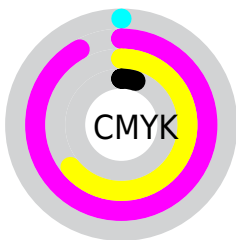
Distribution



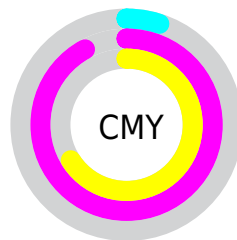
- Red (95%)
- Green (8%)
- Blue (34%)



- Red (95%)
- Yellow (8%)
- Blue (34%)



- Cyan (0%)
- Magenta (92%)
- Yellow (64%)
- Black (5%)



- Cyan (5%)
- Magenta (92%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color F21457 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 F21457 by changing the saturation by 10% instead.

 F21457

 F21457

FFFFFF

 D20040

 FF6488

 B2002B

 FF83A3

 920017

 FFA1BD

 720001

 FFbfd9

 540004

 FFddf6

 340002

 FFfcff

 000000

 F21457

 F21457

 F20049

 F22C68

 F24479

 F25D8A

 F2759B

 F28DAB

 F2A5BC

 F2BDCD

 F2D6DE

 F2EEEF

Harmonies

Analogous

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



E61B9C



F21457



DC4A0D

Triad

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



F21457



009100



008DFF

Complementary

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



F21457



14F2AF

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.



0097E2



F21457



00975B

Square

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



F21457



718500



0099A4



0077FF

Rectangle

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



F21457



BF6400



0099A4



0091FE

Sweetspot

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



F21457



FFB8CD



AC14F2



805461



000000



808080

Same Dimension

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



F21457



FF004D



F23D14



786C6F



B80037



380011

Inverse Universe

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



F21457



FF004D



14C9F2



786C6F



B80037



380011

Previews

White Background



This preview shows how the Hex color F21457 looks on a white background.

Color Contrast Check

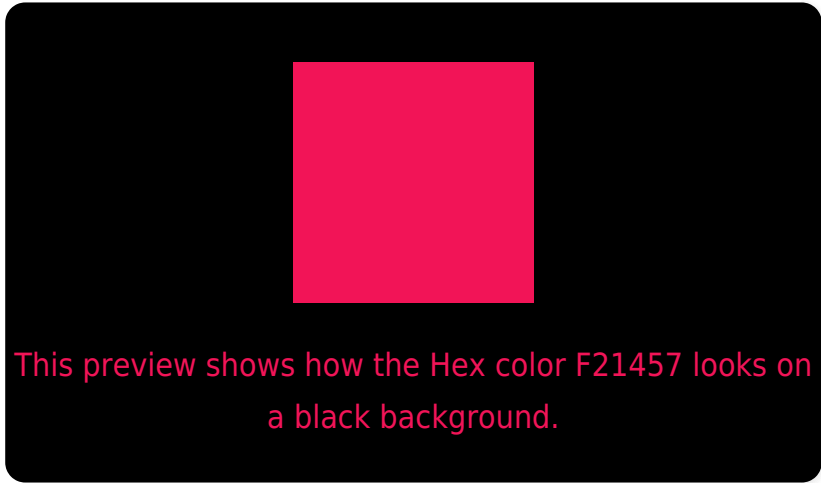
Large Text (above 18pt) WCAG AA ✓ Pass

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 F21457 Background



This preview shows how black text looks on a background with the Hex color F21457.



This preview shows how white text looks on a background with the Hex color F21457.

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





Tritanopia
F02724

Trichromacy



Original Color
F21457



Protanomaly
A85670



Deuteranomaly
B85350

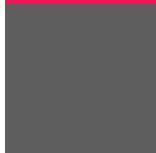


Tritanomaly
F12037

Monochromacy



Original Color
F21457



Achromatopsia
5E5E5E



Achromatomaly
94435B

CSS Examples

Text

The CSS property to change the color of the text to Hex F21457 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 #F21457 looks like.

```
.text, #text, p{  
    color:#F21457  
}
```

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 #F21457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F21457
}
```

Border

The CSS property to change the border of an element to Hex F21457 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
#F21457 }
```

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

```
.border{ border-color:#F21457 }
```

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

Here you see how a box with a 4 pixel #F21457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F21457; -webkit-box-shadow:4px 4px  
4px 4px #F21457; box-shadow:4px 4px 4px  
4px #F21457 }
```

Background

The CSS property to change the background color of an element to Hex F21457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F21457 }
```

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

```
.background{ background-color:#F21457 }
```

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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