

Converting Colors

Hex(F20D47)

Have a look what the booklet for
Hex(F20D47) contains.

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Color

Hex(F20D47)

Conversions

Conversions Part 1

Format	Color
Hex	F20D47
RGB	242, 13, 71
RGB Percent	95%, 5%, 28%
CMY	0.0510, 0.9490, 0.7216
CMYK	0.00, 0.95, 0.71, 0.05
HSL	345°, 90%, 50%
HSV	345°, 95%, 95%
XYZ	37.8992, 19.6200, 7.7508
YIQ	88.0830, 117.8660, 66.5860

Conversions

Conversions Part 2

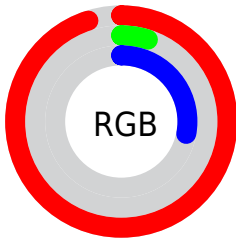
Format	Color
RYB	242, 13, 71
Decimal	15863111
CIELab	51.40, 77.48, 33.33
CIELCh	51, 84.342, 23.275
Yxy	19.6200, 0.5807, 0.3006
Android (android.graphics.Color)	4294053191 (0xFFFF20D47)
YUV	88.0830, -8.4219, 134.9852
Hunter-Lab	44.2945, 75.2126, 20.6314

Details

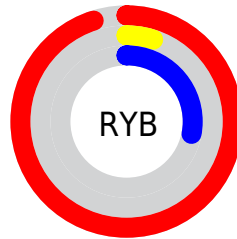
The Hex color **F20D47** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark saturated red. A complement of this color would be **0DF2B8**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6277**, and **B1001C** is the 20% darker color. If you saturate the color by 10%, you get **F2003D**, and if you desaturate by 10%, it is **F22559**.

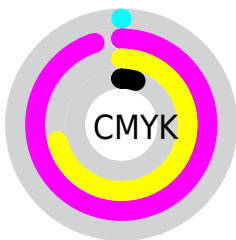
Distribution



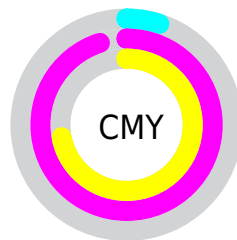
- Red (95%)
- Green (5%)
- Blue (28%)



- Red (95%)
- Yellow (5%)
- Blue (28%)



- Cyan (0%)
- Magenta (95%)
- Yellow (71%)
- Black (5%)



- Cyan (5%)
- Magenta (95%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color F20D47 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 F20D47 by changing the saturation by 10% instead.

 F20D47

 F20D47

FFFFFF

 D10031

 FF6277

 B1001C

 FF8191

 910005

 FF9FAB

 710002

 FFBDC7

 520004

 FFD8E3

 320002

 FFFAFF

 000000

 F20D47

 F20D47

 F2003D

 F22559

 F23D6B

 F2567D

 F26E8F

 F286A1

 F29EB3

 F2B6C5

 F2CFD8

 F2E7EA

Harmonies

Analogous

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



EE008E



F20D47



D54E00

Triad

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



F20D47



009211



0089FF

Complementary

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



F20D47



0DF2B8

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.



0095EF



F20D47



009767

Square

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



F20D47



5F8700



0098B2



3A6FFF

Rectangle

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



F20D47



B56800



0098B2



008EFF

Sweetspot

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



F20D47



FFB8CA



B50DF2



80545F



000000



808080

Same Dimension

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



F20D47



FF0041



F2420D



786C6F



B8002F



38000E

Inverse Universe

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



F20D47



FF0041



0DBDF2



786C6F



B8002F



38000E

Previews

White Background



This preview shows how the Hex color F20D47 looks on a white background.

Color Contrast Check

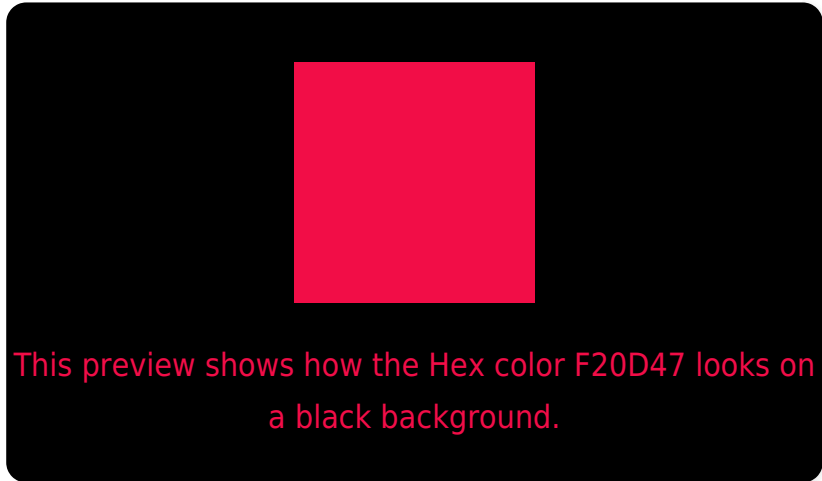
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20D47 Background



This preview shows how black text looks on a background with the Hex color F20D47.

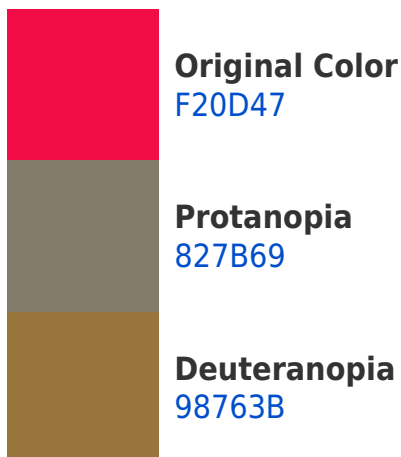


This preview shows how white text looks on a background with the Hex color F20D47.

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
F11F1A

Trichromacy



Original Color
F20D47



Protanomaly
AB535D



Deuteranomaly
B9503F



Tritanomaly
F1182A

Monochromacy



Original Color
F20D47



Achromatopsia
585858



Achromatomaly
903D52

CSS Examples

Text

The CSS property to change the color of the text to Hex F20D47 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 #F20D47 looks like.

```
.text, #text, p{  
    color:#F20D47  
}
```

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 #F20D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20D47
}
```

Border

The CSS property to change the border of an element to Hex F20D47 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".

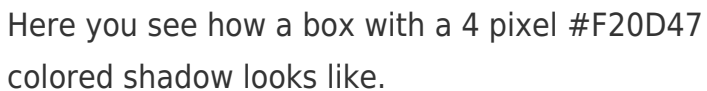
```
.border, #border, table{ border:4px solid
#F20D47 }
```

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

```
.border{ border-color:#F20D47 }
```

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

Here you see how a box with a 4 pixel #F20D47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20D47; -webkit-box-shadow:4px 4px  
4px 4px #F20D47; box-shadow:4px 4px 4px  
4px #F20D47 }
```

Background

The CSS property to change the background color of an element to Hex F20D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20D47 }
```

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

```
.background{ background-color:#F20D47 }
```

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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