

Converting Colors

Hex(F20090)

Have a look what the booklet for
Hex(F20090) contains.

Hex(F20090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F20090)

Conversions

Conversions Part 1

Format	Color
Hex	F20090
RGB	242, 0, 144
RGB Percent	95%, 0%, 56%
CMY	0.0510, 1.0000, 0.4353
CMYK	0.00, 1.00, 0.40, 0.05
HSL	324°, 100%, 47%
HSV	324°, 100%, 95%
XYZ	41.6520, 20.8909, 28.2226
YIQ	88.7740, 98.0080, 96.0880

Conversions

Conversions Part 2

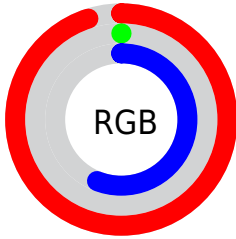
Format	Color
R_{YB}	242, 0, 144
Decimal	15859856
CIE _{Lab}	52.83, 83.10, -8.85
CIE _{LCh}	53, 83.572, 353.923
Yxy	20.8909, 0.4589, 0.2302
Android (android.graphics.Color)	4294049936 (0xFFFF20090)
YUV	88.7740, 27.2264, 134.3792
Hunter-Lab	45.7065, 82.6792, -4.6155

Details

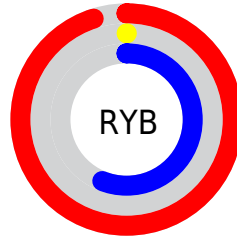
The Hex color **F20090** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00F262**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF62C6**, and **B4005E** is the 20% darker color. If you saturate the color by 10%, you get **F20090**, and if you desaturate by 10%, it is **F2189A**.

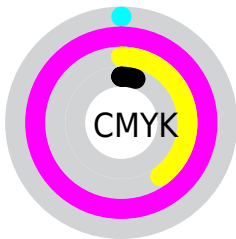
Distribution



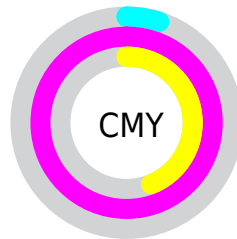
- Red (95%)
- Green (0%)
- Blue (56%)



- Red (95%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color F20090 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 F20090 by changing the saturation by 10% instead.

 F20090

 F20090

FFFFFF

 D30076

 FF62C6

 B4005E

 FF81E2

 950046

 FFA0FE

 760030

 FFBEFF

 59001C

 FFDDFF

 3B0002

 FFFCFF

 140000

 000000

 F20090

 F2189A

 F230A4

 F249AD

 F261B7

 F279C1

 F291CB

 F2A9D5

 F2C2DE

 F2DAE8

Harmonies

Analogous

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



C347D4



F20090



F51E49

Triad

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



F20090



628B00



0099F3

Complementary

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



F20090



00F262

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.



009CB7



F20090



00961B

Square

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



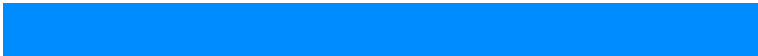
F20090



A67600



009B6D



008CFF

Rectangle

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



F20090



E54417



009B6D



009BE1

Sweetspot

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



F20090



FFB3E0



6100F2



80526D



000000



808080

Same Dimension

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



F20090



FF0098



F20018



786C73



B8006D



380021

Inverse Universe

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



F20090



FF0098



00F2DA



786C73



B8006D



380021

Previews

White Background



This preview shows how the Hex color F20090 looks on a white background.

Color Contrast Check

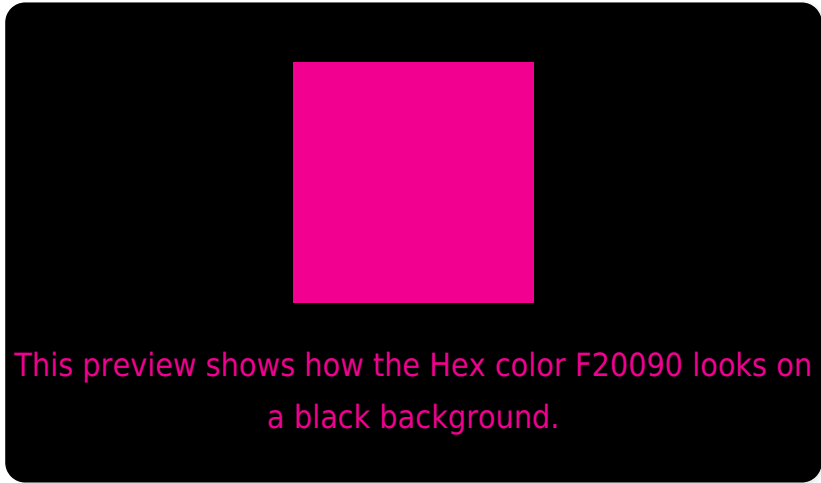
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20090 Background



This preview shows how black text looks on a background with the Hex color F20090.



This preview shows how white text looks on a background with the Hex color F20090.

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
F20090



Protanomaly
9550B8



Deuteranomaly
AF4F8A



Tritanomaly
EF245A

Monochromacy



Original Color
F20090



Achromatopsia
595959



Achromatomaly
91396D

CSS Examples

Text

The CSS property to change the color of the text to Hex F20090 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 #F20090 looks like.

```
.text, #text, p{  
    color:#F20090  
}
```

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 #F20090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20090
}
```

Border

The CSS property to change the border of an element to Hex F20090 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
#F20090 }
```

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

```
.border{ border-color:#F20090 }
```

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

Here you see how a box with a 4 pixel #F20090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20090; -webkit-box-shadow:4px 4px  
4px 4px #F20090; box-shadow:4px 4px 4px  
4px #F20090 }
```

Background

The CSS property to change the background color of an element to Hex F20090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20090 }
```

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

```
.background{ background-color:#F20090 }
```

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