

# Converting Colors

Hex(F21DBE)

Have a look what the booklet for  
Hex(F21DBE) contains.

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**Color**

**Hex(F21DBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F21DBE
RGB	242, 29, 190
RGB Percent	95%, 11%, 75%
CMY	0.0510, 0.8863, 0.2549
CMYK	0.00, 0.88, 0.21, 0.05
HSL	315°, 89%, 53%
HSV	315°, 88%, 95%
XYZ	46.3516, 23.4737, 50.8031
YIQ	111.0410, 75.2670, 95.2270

# Conversions

## Conversions Part 2

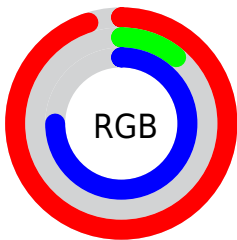
Format	Color
R <sub>Y</sub> B	242, 29, 190
Decimal	15867326
CIE Lab	55.56, 85.13, -31.75
CIE LCh	56, 90.853, 339.547
Yxy	23.4737, 0.3843, 0.1946
Android (android.graphics.Color)	4294057406 (0xFFFF21DBE)
YUV	111.0410, 38.9268, 114.8510
Hunter-Lab	48.4496, 85.9833, -28.2552

# Details

The Hex color **F21DBE** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **1DF251**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6BF7**, and **B50088** is the 20% darker color. If you saturate the color by 10%, you get **F205B8**, and if you desaturate by 10%, it is **F235C4**.

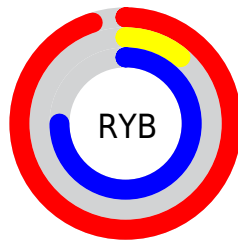
# Distribution



Red (95%)

Green (11%)

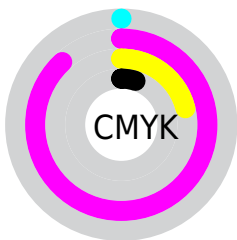
Blue (75%)



Red (95%)

Yellow (11%)

Blue (75%)

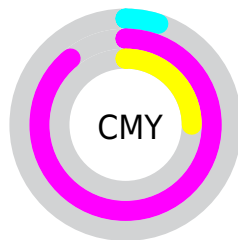


Cyan (0%)

Magenta (88%)

Yellow (21%)

Black (5%)



Cyan (5%)

Magenta (89%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F21DBE 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 F21DBE by changing the saturation by 10% instead.



 F21DBE

 F21DBE

FFFFFF

 D300A3

 FF6BF7

 B50088

 FF8AFF

 97006F

 FFA9FF

 790056

 FFC7FF

 5C003E

 FFE6FF

 400028

 220010

 000000

 F21DBE

 F21DBE

 F205B8

 F235C4

 F200B7

 F24DCA

 F266D0

 F27ED6

 F296DC

 F2AEE1

 F2C6E7

 F2DFED

 F2F7F3

# Harmonies

## Analogous

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



A261FF



F21DBE



FF0070

# Triad

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



F21DBE



8B8A00



00A5E9

# Complementary

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



F21DBE



1DF251

# 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.



00A59D



F21DBE



239A00

# Square

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



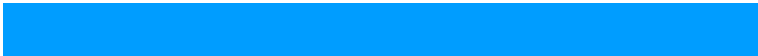
F21DBE



CC6C00



00A249



009DFF

# Rectangle

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



F21DBE



FF203D



00A249



00A5D2



# Sweetspot

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



F21DBE



FFBDEF



4F1DF2



805876



000000



808080



# Same Dimension

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



F21DBE



FF00C1



F21D56



786C75



B8008B



38002A



# Inverse Universe

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



F21DBE



FF00C1



1DF2B9



786C75



B8008B

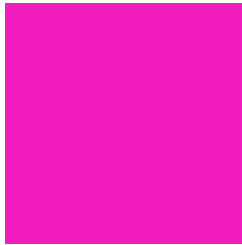


38002A



# Previews

## White Background



This preview shows how the Hex color F21DBE 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 F21DBE Background



This preview shows how black text looks on a background with the Hex color F21DBE.



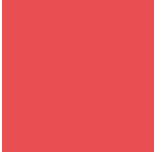
This preview shows how white text looks on a background with the Hex color F21DBE.

# 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**  
E94E53

# Trichromacy



**Original Color**  
F21DBE



**Protanomaly**  
805DE7



**Deuteranomaly**  
A65FB6



**Tritanomaly**  
EC3C7A

# Monochromacy



**Original Color**  
F21DBE



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
9F518C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F21DBE 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 #F21DBE looks like.

```
.text, #text, p{  
    color:#F21DBE  
}
```

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 #F21DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F21DBE
}
```

## Border

The CSS property to change the border of an element to Hex F21DBE 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
#F21DBE }
```

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

```
.border{ border-color:#F21DBE }
```

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

Here you see how a box with a 4 pixel #F21DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F21DBE; -webkit-box-shadow:4px 4px  
4px 4px #F21DBE; box-shadow:4px 4px 4px  
4px #F21DBE }
```

# Background

The CSS property to change the background color of an element to Hex F21DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F21DBE }
```

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

```
.background{ background-color:#F21DBE }
```

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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