

Converting Colors

Hex(F20DBE)

Have a look what the booklet for
Hex(F20DBE) contains.

Hex(F20DBE)	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(F20DBE)

Conversions

Conversions Part 1

Format	Color
Hex	F20DBE
RGB	242, 13, 190
RGB Percent	95%, 5%, 75%
CMY	0.0510, 0.9490, 0.2549
CMYK	0.00, 0.95, 0.21, 0.05
HSL	314°, 90%, 50%
HSV	314°, 95%, 95%
XYZ	46.0561, 22.8828, 50.7046
YIQ	101.6490, 79.6670, 103.5950

Conversions

Conversions Part 2

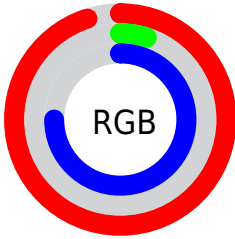
Format	Color
R _Y B	242, 13, 190
Decimal	15863230
CIE Lab	54.95, 86.90, -32.69
CIE LCh	55, 92.844, 339.383
Yxy	22.8828, 0.3849, 0.1913
Android (android.graphics.Color)	4294053310 (0xFFFF20DBE)
YUV	101.6490, 43.5570, 123.0878
Hunter-Lab	47.8360, 88.1456, -29.3603

Details

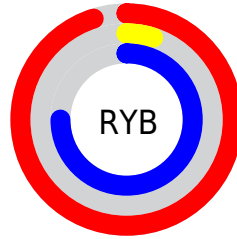
The Hex color **F20DBE** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **0DF241**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF66F7**, and **B50088** is the 20% darker color. If you saturate the color by 10%, you get **F200BB**, and if you desaturate by 10%, it is **F225C3**.

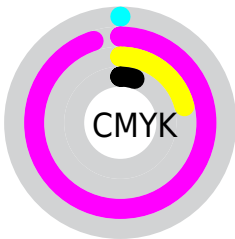
Distribution



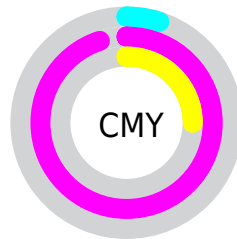
- Red (95%)
- Green (5%)
- Blue (75%)



- Red (95%)
- Yellow (5%)
- Blue (75%)



- Cyan (0%)
- Magenta (95%)
- Yellow (21%)
- Black (5%)



- Cyan (5%)
- Magenta (95%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color F20DBE 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 F20DBE by changing the saturation by 10% instead.

 F20DBE

 F20DBE

FFFFFF

 D300A3

 FF66F7

 B50088

 FF86FF

 97006E

 FFA5FF

 790056

 FFC3FF

 5C003E

 FFE2FF

 3F0028

 210010

 000000

 F20DBE

 F20DBE

 F200BB

 F225C3

 F23DC9

 F256CE

 F26ED4

 F286D9

 F29EDF

 F2B6E4

 F2CFEA

 F2E7EF

Harmonies

Analogous

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



9F5EFF



F20DBE



FF006E

Triad

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



F20DBE



8A8900



00A3E9

Complementary

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



F20DBE



0DF241

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.



00A49C



F20DBE



1A9900

Square

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



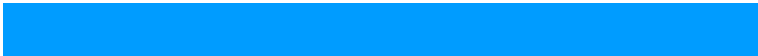
F20DBE



CC6A00



00A146



009CFF

Rectangle

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



F20DBE



FF113A



00A146



00A4D1

Sweetspot

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



F20DBE



FFB8EF



3F0DF2



805476



000000



808080

Same Dimension

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



F20DBE



FF00C5



F20D4E



786C75



B8008E



38002B

Inverse Universe

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



F20DBE



FF00C5



0DF2B1



786C75



B8008E



38002B

Previews

White Background



This preview shows how the Hex color F20DBE looks on a white background.

Color Contrast Check

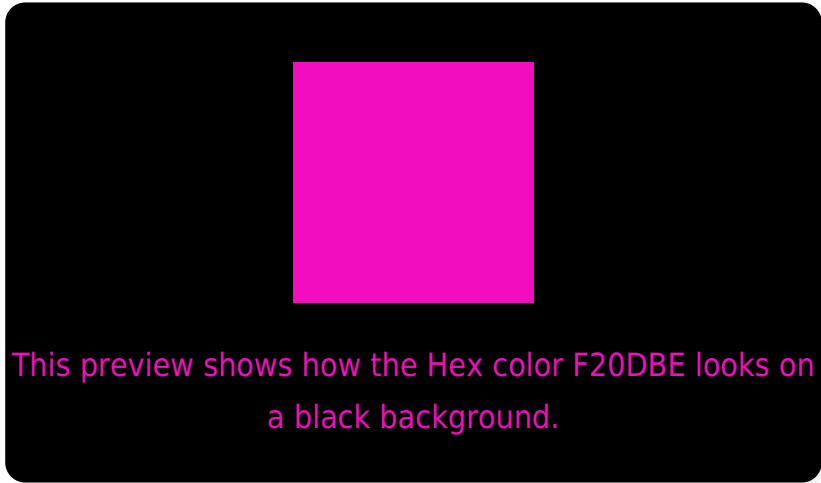
Large Text (above 18pt) WCAG AA ✓ Pass

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 F20DBE Background



This preview shows how black text looks on a background with the Hex color F20DBE.



This preview shows how white text looks on a background with the Hex color F20DBE.

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
E94B4F

Trichromacy



Original Color
F20DBE



Protanomaly
7E56E7



Deuteranomaly
A457B6



Tritanomaly
EC3477

Monochromacy



Original Color
F20DBE



Achromatopsia
666666



Achromatomaly
994686

CSS Examples

Text

The CSS property to change the color of the text to Hex F20DBE 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 #F20DBE looks like.

```
.text, #text, p{  
    color:#F20DBE  
}
```

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 #F20DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F20DBE
}
```

Border

The CSS property to change the border of an element to Hex F20DBE 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
#F20DBE }
```

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

```
.border{ border-color:#F20DBE }
```

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

Here you see how a box with a 4 pixel #F20DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F20DBE; -webkit-box-shadow:4px 4px  
4px 4px #F20DBE; box-shadow:4px 4px 4px  
4px #F20DBE }
```

Background

The CSS property to change the background color of an element to Hex F20DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F20DBE }
```

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

```
.background{ background-color:#F20DBE }
```

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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