

Converting Colors

Hex(FB20E2)

Have a look what the booklet for
Hex(FB20E2) contains.

Hex(FB20E2)	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(FB20E2)

Conversions

Conversions Part 1

Format	Color
Hex	FB20E2
RGB	251, 32, 226
RGB Percent	98%, 13%, 89%
CMY	0.0157, 0.8745, 0.1137
CMYK	0.00, 0.87, 0.10, 0.02
HSL	307°, 96%, 55%
HSV	307°, 87%, 98%
XYZ	54.0276, 27.0332, 74.3219
YIQ	119.5970, 68.2500, 106.7620

Conversions

Conversions Part 2

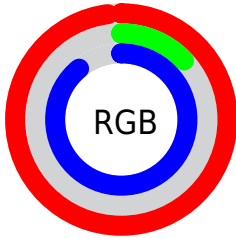
Format	Color
R_{YB}	251, 32, 226
Decimal	16457954
CIE _{Lab}	59.01, 90.89, -46.78
CIE _{LCh}	59, 102.219, 332.767
Yxy	27.0332, 0.3477, 0.1740
Android (android.graphics.Color)	4294648034 (0xFFFB20E2)
YUV	119.5970, 52.4567, 115.2404
Hunter-Lab	51.9935, 94.4948, -48.3564

Details

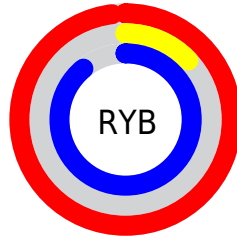
The Hex color **FB20E2** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **20FB39**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF6FFF**, and **BE00AA** is the 20% darker color. If you saturate the color by 10%, you get **FB07DF**, and if you desaturate by 10%, it is **FB39E5**.

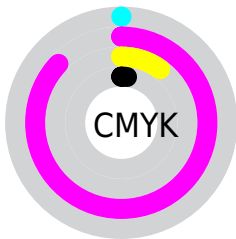
Distribution



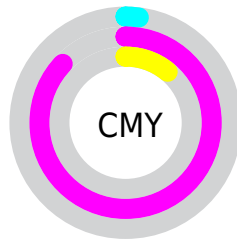
- Red (98%)
- Green (13%)
- Blue (89%)



- Red (98%)
- Yellow (13%)
- Blue (89%)



- Cyan (0%)
- Magenta (87%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (87%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB20E2 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 FB20E2 by changing the saturation by 10% instead.

 FB20E2

FFFFFF

 FF6FFF

 FF8FFF

 FFAEFF

 FFCDFE

 FFECFF

 FB20E2

 DC00C6

 BE00AA

 A0008F

 820075

 64005B

 490043

 2A002C

 000116

 000000

 FB20E2

 FB20E2

 FB07DF

 FB39E5

 FB00DE

 FB52E8

 FB6BEB

 FB84ED

 FB9EF0

 FBB7F3

 FBD0F6

 FBE9F9

 FBFFFC

Harmonies

Analogous

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



8870FF



FB20E2



FF008A

Triad

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



FB20E2



A68E00



00B2EE

Complementary

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



FB20E2



20FB39

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.



00B194



FB20E2



41A300

Square

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



FB20E2



EB6600



00AD31



00ACFF

Rectangle

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



FB20E2



FF0050



00AD31



00B2D2

Sweetspot

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



FB20E2



FFBDF7



3620FB



80587B



000000



808080

Same Dimension

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



FB20E2



FF00E2



FB2078



7D707C



BD00A7



3D0036

Inverse Universe

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



FB20E2



FF00E2



20FBA3



7D707C



BD00A7



3D0036

Previews

White Background



This preview shows how the Hex color FB20E2 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 FB20E2 Background



This preview shows how black text looks on a background with the Hex color FB20E2.

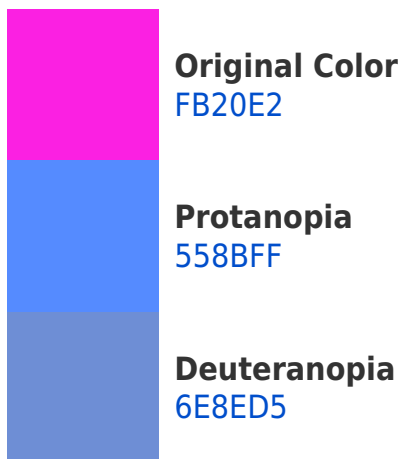


This preview shows how white text looks on a background with the Hex color FB20E2.

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
EF5C62

Trichromacy



Original Color
FB20E2



Protanomaly
9164F4



Deuteranomaly
A166DA



Tritanomaly
F34691

Monochromacy



Original Color
FB20E2



Achromatopsia
787878



Achromatomaly
A8589F

CSS Examples

Text

The CSS property to change the color of the text to Hex FB20E2 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 #FB20E2 looks like.

```
.text, #text, p{  
    color:#FB20E2  
}
```

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 #FB20E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB20E2
}
```

Border

The CSS property to change the border of an element to Hex FB20E2 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
#FB20E2 }
```

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

```
.border{ border-color:#FB20E2 }
```

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

Here you see how a box with a 4 pixel #FB20E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB20E2; -webkit-box-shadow:4px 4px  
4px 4px #FB20E2; box-shadow:4px 4px 4px  
4px #FB20E2 }
```

Background

The CSS property to change the background color of an element to Hex FB20E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB20E2 }
```

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

```
.background{ background-color:#FB20E2 }
```

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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