

Converting Colors

Hex(FF22BB)

Have a look what the booklet for
Hex(FF22BB) contains.

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Color

Hex(FF22BB)

Conversions

Conversions Part 1

Format	Color
Hex	FF22BB
RGB	255, 34, 187
RGB Percent	100%, 13%, 73%
CMY	0.0000, 0.8667, 0.2667
CMYK	0.00, 0.87, 0.27, 0.00
HSL	318°, 100%, 57%
HSV	318°, 87%, 100%
XYZ	50.7817, 25.9919, 49.3542
YIQ	117.5210, 82.6030, 94.4350

Conversions

Conversions Part 2

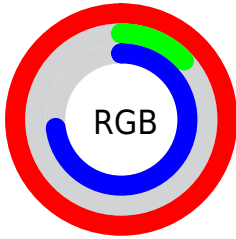
Format	Color
R_{YB}	255, 34, 187
Decimal	16720571
CIE _{Lab}	58.03, 86.63, -26.00
CIE _{LCh}	58, 90.444, 343.296
Yxy	25.9919, 0.4026, 0.2061
Android (android.graphics.Color)	4294910651 (0xFFFF22BB)
YUV	117.5210, 34.2531, 120.5691
Hunter-Lab	50.9823, 88.5787, -21.7090

Details

The Hex color **FF22BB** 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 **22FF66**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF6FF3**, and **C10086** is the 20% darker color. If you saturate the color by 10%, you get **FF08B3**, and if you desaturate by 10%, it is **FF3BC3**.

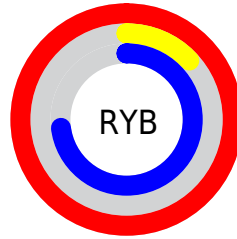
Distribution



Red (100%)

Green (13%)

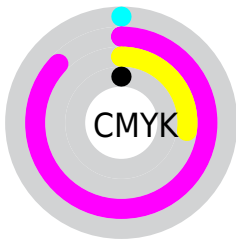
Blue (73%)



Red (100%)

Yellow (13%)

Blue (73%)

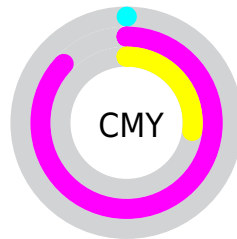


Cyan (0%)

Magenta (87%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (87%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF22BB 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 FF22BB by changing the saturation by 10% instead.

 FF22BB

 FF22BB

FFFFFF

 E000A0

 FF6FF3

 C10086

 FF8FFF

 A3006C

 FFADFF

 850053

 FFCCFF

 67003C

 FFE8FF

 4B0026

 2D000E

 000000

 FF22BB

 FF22BB

 FF08B3

 FF3BC3

 FF00B1

 FF55CB

 FF6ED3

 FF88DA

 FFA2E2

 FFBBEA

 FFD4F2

 FFEefa

FFFFFF

Harmonies

Analogous

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



B761FF



FF22BB



FF006C

Triad

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



FF22BB



899300



00ABF8

Complementary

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



FF22BB



22FF66

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.



00ACAE



FF22BB



0AA200

Square

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



FF22BB



CD7700



00AA5A



00A1FF

Rectangle

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



FF22BB



FF3639



00AA5A



00ACE1

Sweetspot

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



FF22BB



FFBDEB



6422FF



805873



000000



808080

Same Dimension

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



FF22BB



FF00B1



FF224E



80737C



BF0084



40002C

Inverse Universe

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



FF22BB



FF00B1



22FFD3



80737C



BF0084



40002C

Previews

White Background



This preview shows how the Hex color FF22BB 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 FF22BB Background



This preview shows how black text looks on a background with the Hex color FF22BB.



This preview shows how white text looks on a background with the Hex color FF22BB.

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



Original Color
FF22BB

Protanopia
5188FF

Deuteranopia
8789AF



Tritanopia
F74F53

Trichromacy



Original Color
FF22BB



Protanomaly
9063E6



Deuteranomaly
B364B3



Tritanomaly
FA3F79

Monochromacy



Original Color
FF22BB



Achromatopsia
767676



Achromatomaly
A8578F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF22BB 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 #FF22BB looks like.

```
.text, #text, p{  
    color:#FF22BB  
}
```

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 #FF22BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF22BB
}
```

Border

The CSS property to change the border of an element to Hex FF22BB 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
#FF22BB }
```

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

```
.border{ border-color:#FF22BB }
```

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

Here you see how a box with a 4 pixel #FF22BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF22BB; -webkit-box-shadow:4px 4px  
4px 4px #FF22BB; box-shadow:4px 4px 4px  
4px #FF22BB }
```

Background

The CSS property to change the background color of an element to Hex FF22BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF22BB }
```

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

```
.background{ background-color:#FF22BB }
```

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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