

Converting Colors

Hex(FF25FF)

Have a look what the booklet for
Hex(FF25FF) contains.

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Color

Hex(FF25FF)

Conversions

Conversions Part 1

Format	Color
Hex	FF25FF
RGB	255, 37, 255
RGB Percent	100%, 15%, 100%
CMY	0.0000, 0.8549, 0.0000
CMYK	0.00, 0.85, 0.00, 0.00
HSL	300°, 100%, 57%
HSV	300°, 85%, 100%
XYZ	59.9516, 29.8031, 97.2005
YIQ	127.0340, 59.9500, 114.0140

Conversions

Conversions Part 2

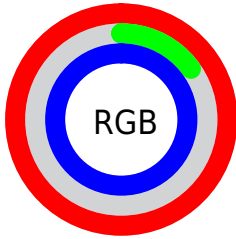
Format	Color
R _Y B	255, 37, 255
Decimal	16721407
CIE _{Lab}	61.48, 94.82, -58.98
CIE _{LCh}	61, 111.668, 328.117
Y _{xy}	29.8031, 0.3207, 0.1594
Android (android.graphics.Color)	4294911487 (0xFFFF25FF)
YUV	127.0340, 63.0872, 112.2262
Hunter-Lab	54.5922, 100.4869, -67.3502

Details

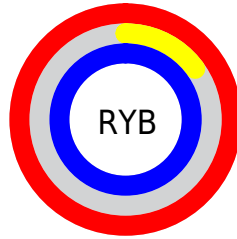
The Hex color **FF25FF** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **25FF25**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF74FF**, and **C100C5** is the 20% darker color. If you saturate the color by 10%, you get **FF0CFF**, and if you desaturate by 10%, it is **FF3FFF**.

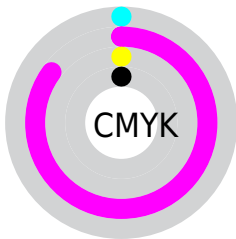
Distribution



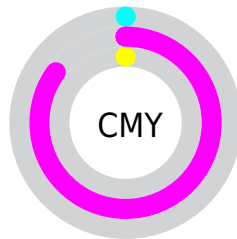
- Red (100%)
- Green (15%)
- Blue (100%)



- Red (100%)
- Yellow (15%)
- Blue (100%)



- Cyan (0%)
- Magenta (85%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (85%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF25FF 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 FF25FF by changing the saturation by 10% instead.

 FF25FF

 FF25FF

FFFFFF

 E000E2

 FF74FF

 C100C5

 FF93FF

 A300AA

 FFB3FF

 85008E

 FFD2FF

 670074

 FFF1FF

 4B005B

 2C0042

 03002B

 000115

 FF25FF

 FF25FF

 FF0CFF

 FF3FFF

 FF00FF

 FF58FF

 FF72FF

 FF8BFF

 FFA5FF

 FFBEFF

 FFD8FF

 FFF1FF

FFFFFF

Harmonies

Analogous

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



607DFF



FF25FF



FF009F

Triad

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



FF25FF



BA8F00



00BBF0

Complementary

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



FF25FF



25FF25

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.



00BA8B



FF25FF



54A900

Square

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



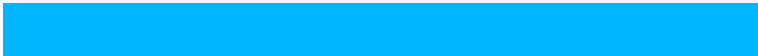
FF25FF



FF5E00



00B50F



00B7FF

Rectangle

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



FF25FF



FF005F



00B50F



00BBD0

Sweetspot

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



FF25FF



FFBDF5



2525FF



805880



000000



808080

Same Dimension

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



FF25FF



FF00FF



FF2592



807380



BF00BF



400040

Inverse Universe

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



FF25FF



FF00FF



25FF92



807380



BF00BF



400040

Previews

White Background



This preview shows how the Hex color FF25FF 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

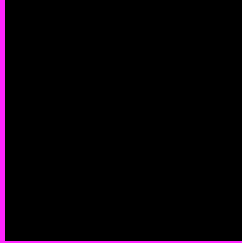
Any Text WCAG AA ✓ Pass

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 FF25FF Background



This preview shows how black text looks on a background with the Hex color FF25FF.

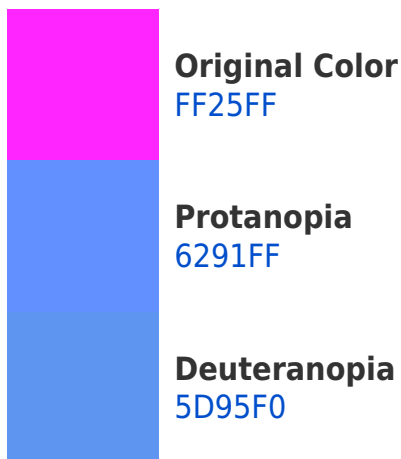


This preview shows how white text looks on a background with the Hex color FF25FF.

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
EF686F

Trichromacy



Original Color
FF25FF



Protanomaly
9B6AFF



Deuteranomaly
986CF5



Tritanomaly
F550A3

Monochromacy



Original Color
FF25FF



Achromatopsia
7F7F7F



Achromatomaly
AE5EAE

CSS Examples

Text

The CSS property to change the color of the text to Hex FF25FF 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 #FF25FF looks like.

```
.text, #text, p{  
    color:#FF25FF  
}
```

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 #FF25FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF25FF
}
```

Border

The CSS property to change the border of an element to Hex FF25FF 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
#FF25FF }
```

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

```
.border{ border-color:#FF25FF }
```

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

Here you see how a box with a 4 pixel #FF25FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF25FF; -webkit-box-shadow:4px 4px  
4px 4px #FF25FF; box-shadow:4px 4px 4px  
4px #FF25FF }
```

Background

The CSS property to change the background color of an element to Hex FF25FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF25FF }
```

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

```
.background{ background-color:#FF25FF }
```

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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