

Converting Colors

Hex(FF53E0)

Have a look what the booklet for
Hex(FF53E0) contains.

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Color

Hex(**FF53E0**)

Conversions

Conversions Part 1

Format	Color
Hex	FF53E0
RGB	255, 83, 224
RGB Percent	100%, 33%, 88%
CMY	0.0000, 0.6745, 0.1216
CMYK	0.00, 0.67, 0.12, 0.00
HSL	311°, 100%, 66%
HSV	311°, 67%, 100%
XYZ	57.7878, 32.8283, 73.8118
YIQ	150.5020, 57.2510, 80.3150

Conversions

Conversions Part 2

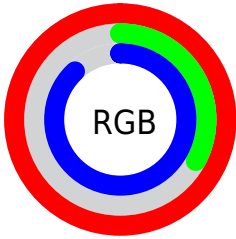
Format	Color
R _Y B	255, 83, 224
Decimal	16733152
CIE Lab	64.02, 78.66, -37.72
CIE LCh	64, 87.237, 334.379
Yxy	32.8283, 0.3514, 0.1997
Android (android.graphics.Color)	4294923232 (0xFFFF53E0)
YUV	150.5020, 36.2345, 91.6447
Hunter-Lab	57.2960, 79.7641, -36.2733

Details

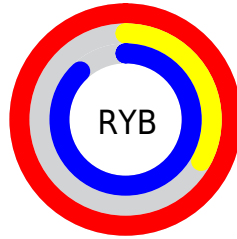
The Hex color **FF53E0** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **53FF72**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF90FF**, and **C200A8** is the 20% darker color. If you saturate the color by 10%, you get **FF39DB**, and if you desaturate by 10%, it is **FF6CE5**.

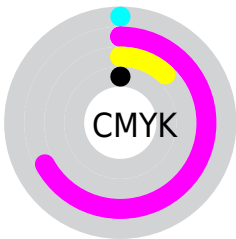
Distribution



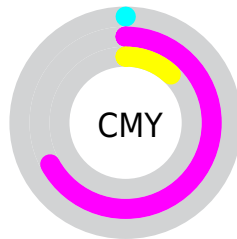
- Red (100%)
- Green (33%)
- Blue (88%)



- Red (100%)
- Yellow (33%)
- Blue (88%)



- Cyan (0%)
- Magenta (67%)
- Yellow (12%)
- Black (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF53E0 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 FF53E0 by changing the saturation by 10% instead.

 FF53E0

 FF53E0

FFFFFF

 E030C4

 FF90FF

 C200A8

 FFAEFF

 A5008E

 FFC0FF

 880074

 FFEAFF

 6B005A

 4F0042

 33002C

 0D0015

 000000

 FF53E0

 FF53E0

 FF39DB

 FF6CE5

 FF20D7

 FF86E9

 FF07D2

 FFA0EE

 FF00D1

 FFB9F2

 FFD3F7

 FFECFC

FFFFFF

Harmonies

Analogous

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



A580FF



FF53E0



FF3593

Triad

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



FF53E0



B19C00



00BCF2

Complementary

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



FF53E0



53FF72

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.



00BDA5



FF53E0



5EAF00

Square

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



FF53E0



EF7D00



00B953



00B5FF

Rectangle

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



FF53E0



FF4560



00B953



00BDDA

Sweetspot

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



FF53E0



FFCCF6



7053FF



80617A



000000



808080

Same Dimension

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



FF53E0



FF30DA



FF538C



80737D



BF009D



400034

Inverse Universe

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



FF53E0



FF30DA



53FFC6



80737D



BF009D



400034

Previews

White Background



This preview shows how the Hex color FF53E0 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF53E0 Background



This preview shows how black text looks on a background with the Hex color FF53E0.

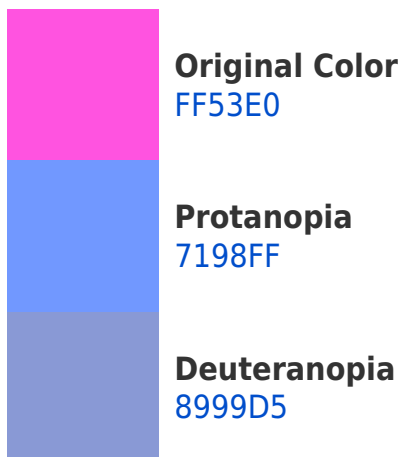


This preview shows how white text looks on a background with the Hex color FF53E0.

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
F57179

Trichromacy



Original Color
FF53E0



Protanomaly
A57FF4



Deuteranomaly
B480D9



Tritanomaly
F9669E

Monochromacy



Original Color
FF53E0



Achromatopsia
979797



Achromatomaly
BD7EB2

CSS Examples

Text

The CSS property to change the color of the text to Hex FF53E0 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 #FF53E0 looks like.

```
.text, #text, p{  
    color:#FF53E0  
}
```

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 #FF53E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF53E0
}
```

Border

The CSS property to change the border of an element to Hex FF53E0 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
#FF53E0 }
```

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

```
.border{ border-color:#FF53E0 }
```

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

Here you see how a box with a 4 pixel #FF53E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF53E0; -webkit-box-shadow:4px 4px  
4px 4px #FF53E0; box-shadow:4px 4px 4px  
4px #FF53E0 }
```

Background

The CSS property to change the background color of an element to Hex FF53E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF53E0 }
```

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

```
.background{ background-color:#FF53E0 }
```

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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