

Converting Colors

Hex(523FB4)

Have a look what the booklet for
Hex(523FB4) contains.

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Color

Hex(523FB4)

Conversions

Conversions Part 1

Format	Color
Hex	523FB4
RGB	82, 63, 180
RGB Percent	32%, 25%, 71%
CMY	0.6784, 0.7529, 0.2941
CMYK	0.54, 0.65, 0.00, 0.29
HSL	250°, 48%, 48%
HSV	250°, 65%, 71%
XYZ	13.4954, 8.6441, 44.1372
YIQ	82.0190, -26.2330, 40.4150

Conversions

Conversions Part 2

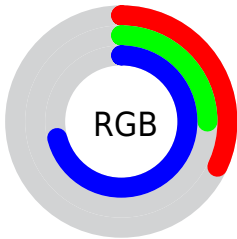
Format	Color
R_{YB}	82, 63, 180
Decimal	5390260
CIE _{Lab}	35.29, 39.77, -59.59
CIE _{LCh}	35, 71.639, 303.720
Yxy	8.6441, 0.2036, 0.1304
Android (android.graphics.Color)	4283580340 (0xFF523FB4)
YUV	82.0190, 48.3046, -0.0167
Hunter-Lab	29.4009, 30.4822, -68.4266

Details

The Hex color **523FB4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A1B43F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8C70ED**, and **06127E** is the 20% darker color. If you saturate the color by 10%, you get **432DB4**, and if you desaturate by 10%, it is **6151B4**.

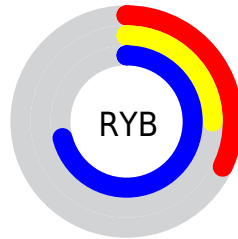
Distribution



Red (32%)

Green (25%)

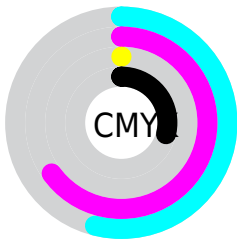
Blue (71%)



Red (32%)

Yellow (25%)

Blue (71%)

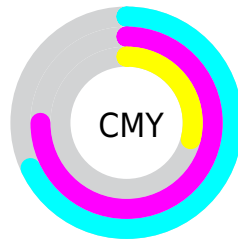


Cyan (54%)

Magenta (65%)

Yellow (0%)

Black (29%)



Cyan (68%)

Magenta (75%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 523FB4 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 523FB4 by changing the saturation by 10% instead.

■ 523FB4

■ 523FB4

FFFFFF

■ 332899

■ 8C70ED

■ 06127E

■ A88AFF

■ 000064

■ C5A4FF

■ 00004C

■ E3C0FF

■ 000434

■ FFDCFF

■ 00021E

■ FFF8FF

■ 000000

■ 523FB4

■ 523FB4

■ 432DB4

■ 6151B4

■ 341BB4

■ 7063B4

■ 2509B4

■ 7F75B4

■ 1D00B4

■ 8E87B4

■ 9D99B4

■ ACABB4

■ BCBDB4

■ CBCFB4

■ DAE1B4

Harmonies

Analogous

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



0059C8



523FB4



9A0387

Triad

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



523FB4



8D3B00



006959

Complementary

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



523FB4



A1B43F

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.



00671A



523FB4



605300

Square

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



523FB4



AA0017



1F6100



006A92

Rectangle

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



523FB4



AE0062



1F6100



006945

Sweetspot

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



523FB4



C3BCEB



3FA2B4



5E5975



F5F5F5



757575

Same Dimension

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



523FB4



5134EB



8B3FB4



525059



190099



04001A

Inverse Universe

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



B43FA1



EB34CD



68B43F



595058



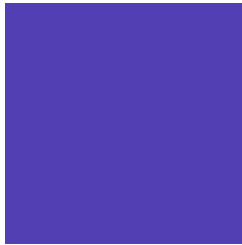
990080



1A0015

Previews

White Background



This preview shows how the Hex color 523FB4 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

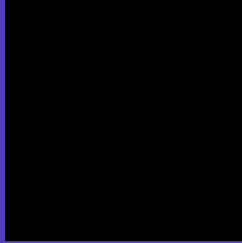
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 523FB4 Background



This preview shows how black text looks on a background with the Hex color 523FB4.

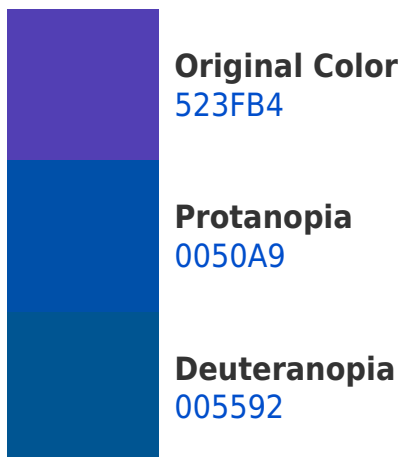



This preview shows how white text looks on a background with the Hex color 523FB4.

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
355960

Trichromacy



Original Color
523FB4

Protanomaly
1E4AAD

Deuteranomaly
1E4D9E

Tritanomaly
40507F

Monochromacy



Original Color
523FB4

Achromatopsia
525252

Achromatomaly
524B76

CSS Examples

Text

The CSS property to change the color of the text to Hex 523FB4 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 #523FB4 looks like.

```
.text, #text, p{  
    color:#523FB4  
}
```

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 #523FB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #523FB4
}
```

Border

The CSS property to change the border of an element to Hex 523FB4 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
#523FB4 }
```

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

```
.border{ border-color:#523FB4 }
```

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

Here you see how a box with a 4 pixel #523FB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #523FB4; -webkit-box-shadow:4px 4px  
4px 4px #523FB4; box-shadow:4px 4px 4px  
4px #523FB4 }
```

Background

The CSS property to change the background color of an element to Hex 523FB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#523FB4 }
```

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

```
.background{ background-color:#523FB4 }
```

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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