

Converting Colors

Hex(503F92)

Have a look what the booklet for
Hex(503F92) contains.

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Color

Hex(503F92)

Conversions

Conversions Part 1

Format	Color
Hex	503F92
RGB	80, 63, 146
RGB Percent	31%, 25%, 57%
CMY	0.6863, 0.7529, 0.4275
CMYK	0.45, 0.57, 0.00, 0.43
HSL	252°, 40%, 41%
HSV	252°, 57%, 57%
XYZ	10.2741, 7.3358, 28.0686
YIQ	77.5450, -16.5110, 29.4170

Conversions

Conversions Part 2

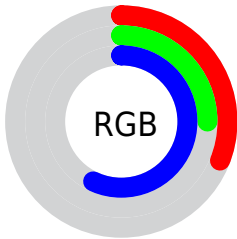
Format	Color
R_{YB}	80, 63, 146
Decimal	5259154
CIE _{Lab}	32.56, 28.87, -43.56
CIE _{LCh}	33, 52.262, 303.534
Yxy	7.3358, 0.2249, 0.1606
Android (android.graphics.Color)	4283449234 (0xFF503F92)
YUV	77.5450, 33.7483, 2.1530
Hunter-Lab	27.0847, 20.3124, -42.4845

Details

The Hex color **503F92** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **81923F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **856FC9**, and **18135F** is the 20% darker color. If you saturate the color by 10%, you get **443092**, and if you desaturate by 10%, it is **5C4E92**.

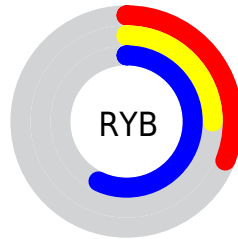
Distribution



Red (31%)

Green (25%)

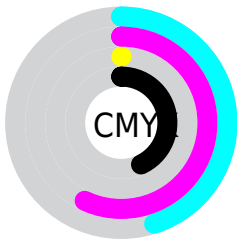
Blue (57%)



Red (31%)

Yellow (25%)

Blue (57%)

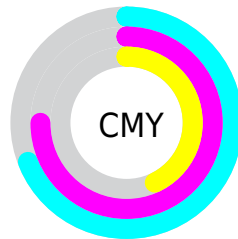


Cyan (45%)

Magenta (57%)

Yellow (0%)

Black (43%)



Cyan (69%)

Magenta (75%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503F92 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 503F92 by changing the saturation by 10% instead.

■ 503F92

■ 503F92

FFFFFF

■ 352978

■ 856FC9

■ 18135F

■ A189E5

■ 000046

■ BDA3FF

■ 00042F

■ DABEFF

■ 000119

■ F7DAFF

■ 000000

■ FFF7FF

■ 503F92

■ 503F92

■ 443092

■ 5C4E92

■ 392292

■ 675C92

■ 2D1392

■ 736B92

■ 220592

■ 7E7992

■ 1E0092

■ 8A8892

■ 969792

■ A1A592

■ ADB492

■ B8C292

Harmonies

Analogous

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



0050A0



503F92



812872

Triad

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



503F92



7A3C00



005E50

Complementary

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



503F92



81923F

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.



005C25



503F92



5A4C00

Square

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



503F92



8F2622



2E5700



005E79

Rectangle

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



503F92



901A57



2E5700



005E42

Sweetspot

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



503F92



A39DBD



3F8192



4F4B5E



DEDEDE



5E5E5E

Same Dimension

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



503F92



573CBD



793F92



44434A



1C008A



02000A

Inverse Universe

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



923F81



BD3CA2



58923F



4A4348



8A006D



0A0008

Previews

White Background



This preview shows how the Hex color 503F92 looks on a white background.

Color Contrast Check

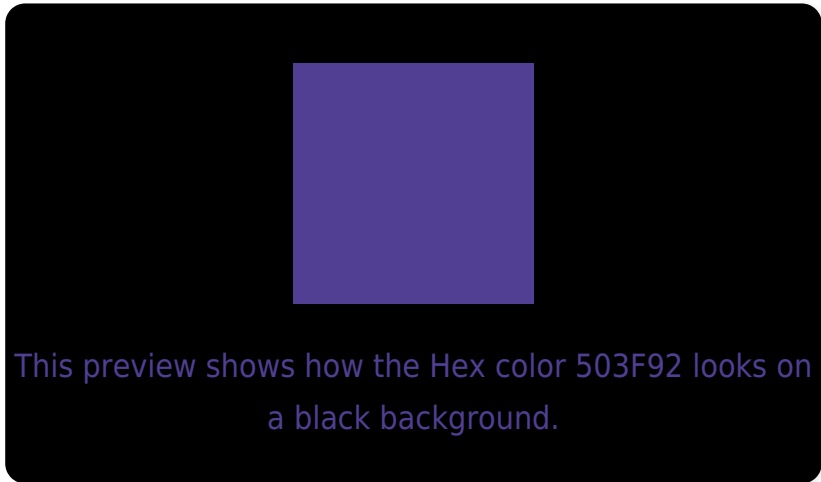
Large Text (above 18pt) WCAG AA ✓ Pass

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

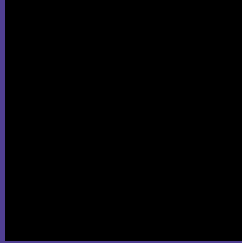
Any Text WCAG AA × Fail

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 503F92 Background



This preview shows how black text looks on a background with the Hex color 503F92.



This preview shows how white text looks on a background with the Hex color 503F92.

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
503F92

Protanopia
004A9D

Deuteranopia
004E8A



Tritanopia
404F55

Trichromacy



Original Color
503F92

Protanomaly
1D4699

Deuteranomaly
1D498D

Tritanomaly
46496B

Monochromacy



Original Color
503F92

Achromatopsia
4E4E4E

Achromatomaly
4F4967

CSS Examples

Text

The CSS property to change the color of the text to Hex 503F92 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 #503F92 looks like.

```
.text, #text, p{  
    color:#503F92  
}
```

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 #503F92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503F92
}
```

Border

The CSS property to change the border of an element to Hex 503F92 is called "border". The border property can be set on classes, ids or directly on the HTML element.

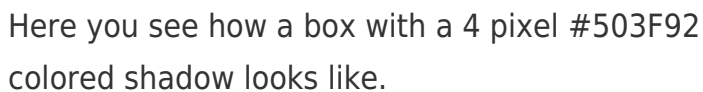
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503F92 }
```

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

```
.border{ border-color:#503F92 }
```

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



Here you see how a box with a 4 pixel #503F92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503F92; -webkit-box-shadow:4px 4px  
4px 4px #503F92; box-shadow:4px 4px 4px  
4px #503F92 }
```

Background

The CSS property to change the background color of an element to Hex 503F92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503F92 }
```

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

```
.background{ background-color:#503F92 }
```

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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