

Converting Colors

Hex(503DE2)

Have a look what the booklet for
Hex(503DE2) contains.

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Color

Hex(503DE2)

Conversions

Conversions Part 1

Format	Color
Hex	503DE2
RGB	80, 61, 226
RGB Percent	31%, 24%, 89%
CMY	0.6863, 0.7608, 0.1137
CMYK	0.65, 0.73, 0.00, 0.11
HSL	247°, 74%, 56%
HSV	247°, 73%, 89%
XYZ	18.7045, 10.5339, 72.9989
YIQ	85.4910, -41.6410, 55.3430

Conversions

Conversions Part 2

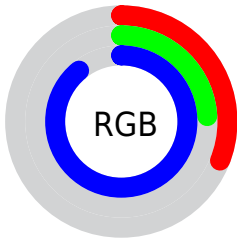
Format	Color
R _Y B	80, 61, 226
Decimal	5258722
CIE Lab	38.78, 54.69, -80.59
CIE LCh	39, 97.395, 304.162
Yxy	10.5339, 0.1830, 0.1030
Android (android.graphics.Color)	4283448802 (0xFF503DE2)
YUV	85.4910, 69.2709, -4.8156
Hunter-Lab	32.4560, 46.0718, -110.6336

Details

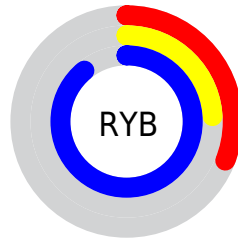
The Hex color **503DE2** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **CFE23D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **916FFF**, and **000AA9** is the 20% darker color. If you saturate the color by 10%, you get **3C26E2**, and if you desaturate by 10%, it is **6454E2**.

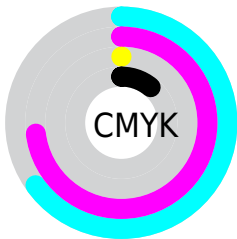
Distribution



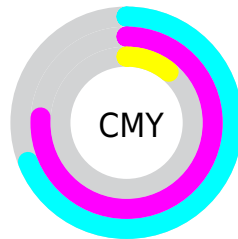
- Red (31%)
- Green (24%)
- Blue (89%)



- Red (31%)
- Yellow (24%)
- Blue (89%)



- Cyan (65%)
- Magenta (73%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (76%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503DE2 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 503DE2 by changing the saturation by 10% instead.

■ 503DE2

■ 503DE2

FFFFFF

■ 2625C5

■ 916FFF

■ 000AA9

■ B089FF

■ 00008E

■ CFA4FF

■ 000073

■ EEC0FF

■ 000859

■ FFDCFF

■ 000741

■ FFF9FF

■ 00032A

■ 000114

■ 000000

■ 503DE2

■ 503DE2

■ 3C26E2

■ 6454E2

■ 2810E2

■ 786AE2

■ 1A00E2

■ 8C81E2

■ A097E2

■ B4AEE2

■ C8C5E2

■ DCDBE2

■ F0F2E2

■ FFFFE2

Harmonies

Analogous

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



0065FF



503DE2



BC00A2

Triad

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



503DE2



A43700



007765

Complementary

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



503DE2



CFE23D

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.



007400



503DE2



675D00

Square

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



503DE2



CE0003



006D00



0078B4

Rectangle

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



503DE2



D6006F



006D00



007649

Sweetspot

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



503DE2



CDC7FF



3DD1E2



625E80



000000



808080

Same Dimension

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



503DE2



381FFF



A03DE2



666570



1400B0



060030

Inverse Universe

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



E23DCF



FF1FE5



7FE23D



70656F



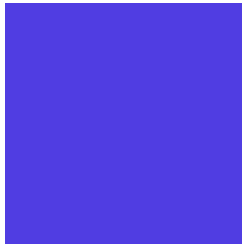
B0009C



30002B

Previews

White Background



This preview shows how the Hex color 503DE2 looks on a white background.

Color Contrast Check

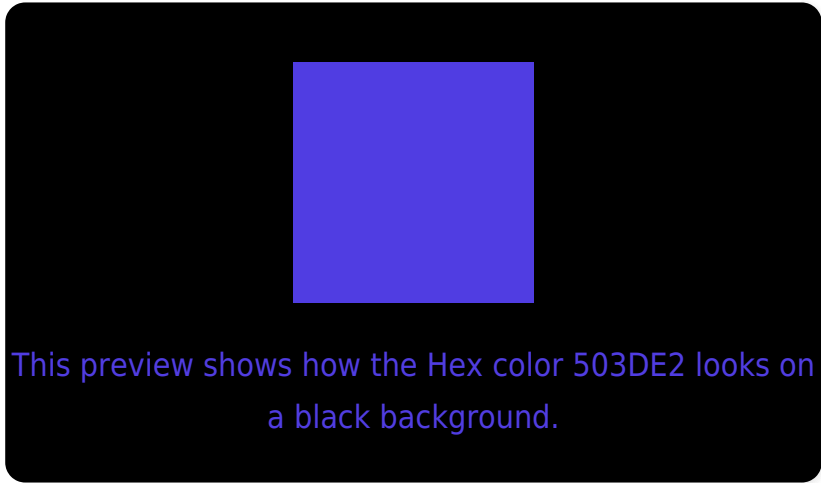
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

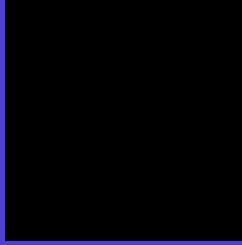
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 503DE2 Background



This preview shows how black text looks on a background with the Hex color 503DE2.



This preview shows how white text looks on a background with the Hex color 503DE2.

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
00656C

Trichromacy



Original Color
503DE2



Protanomaly
1D4EC8



Deuteranomaly
1D51B7



Tritanomaly
1D5697

Monochromacy



Original Color
503DE2



Achromatopsia
555555



Achromatomaly
534C88

CSS Examples

Text

The CSS property to change the color of the text to Hex 503DE2 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 #503DE2 looks like.

```
.text, #text, p{  
    color:#503DE2  
}
```

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 #503DE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503DE2
}
```

Border

The CSS property to change the border of an element to Hex 503DE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

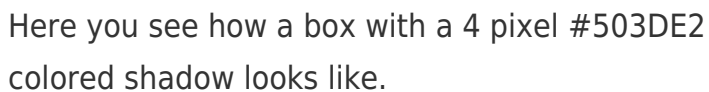
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#503DE2 }
```

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

```
.border{ border-color:#503DE2 }
```

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



Here you see how a box with a 4 pixel #503DE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503DE2; -webkit-box-shadow:4px 4px  
4px 4px #503DE2; box-shadow:4px 4px 4px  
4px #503DE2 }
```

Background

The CSS property to change the background color of an element to Hex 503DE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503DE2 }
```

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

```
.background{ background-color:#503DE2 }
```

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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