

Converting Colors

Hex(503DE8)

Have a look what the booklet for
Hex(503DE8) contains.

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Color

Hex(503DE8)

Conversions

Conversions Part 1

Format	Color
Hex	503DE8
RGB	80, 61, 232
RGB Percent	31%, 24%, 91%
CMY	0.6863, 0.7608, 0.0902
CMYK	0.66, 0.74, 0.00, 0.09
HSL	247°, 79%, 57%
HSV	247°, 74%, 91%
XYZ	19.5425, 10.8692, 77.4119
YIQ	86.1750, -43.5670, 57.2090

Conversions

Conversions Part 2

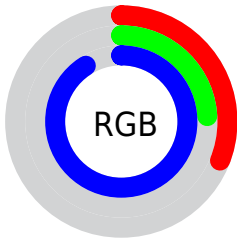
Format	Color
R _Y B	80, 61, 232
Decimal	5258728
CIE Lab	39.36, 56.49, -83.06
CIE LCh	39, 100.448, 304.223
Yxy	10.8692, 0.1812, 0.1008
Android (android.graphics.Color)	4283448808 (0xFF503DE8)
YUV	86.1750, 71.8917, -5.4155
Hunter-Lab	32.9684, 48.1138, -116.1388

Details

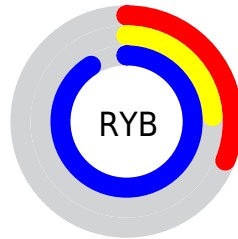
The Hex color **503DE8** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **D5E83D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **926FFF**, and **0009AF** is the 20% darker color. If you saturate the color by 10%, you get **3B26E8**, and if you desaturate by 10%, it is **6554E8**.

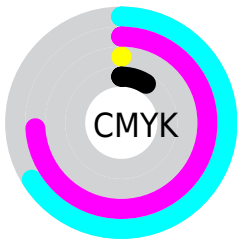
Distribution



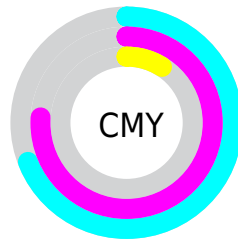
- Red (31%)
- Green (24%)
- Blue (91%)



- Red (31%)
- Yellow (24%)
- Blue (91%)



- Cyan (66%)
- Magenta (74%)
- Yellow (0%)
- Black (9%)



- Cyan (69%)
- Magenta (76%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 503DE8 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 503DE8 by changing the saturation by 10% instead.

 503DE8

 503DE8

FFFFFF

 2424CB

 926FFF

 0009AF

 B28AFF

 000093

 D1A5FF

 000079

 F0C0FF

 00065F

 FFDDFF

 000846

 FFFAFF

 00042E

 000119

 000000

■ 503DE8

■ 503DE8

■ 3B26E8

■ 6554E8

■ 270FE8

■ 796BE8

■ 1A00E8

■ 8E83E8

■ A29AE8

■ B7B1E8

■ CCC8E8

■ E0DFE8

■ F5F7E8

■ FFFFE8

Harmonies

Analogous

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



0067FF



503DE8



C000A6

Triad

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



503DE8



A73700



007967

Complementary

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



503DE8



D5E83D

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.



007600



503DE8



685E00

Square

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



503DE8



D30001



006F00



007AB9

Rectangle

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



503DE8



DB0070



006F00



00784A

Sweetspot

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



503DE8



CDC7FF



3DD7E8



625E80



000000



808080

Same Dimension

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



503DE8



381FFF



A43DE8



696773



1400B3



060033

Inverse Universe

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



E83DD5



FF1FE6



81E83D



736771



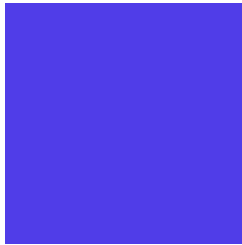
B3009F



33002D

Previews

White Background



This preview shows how the Hex color 503DE8 looks on a white background.

Color Contrast Check

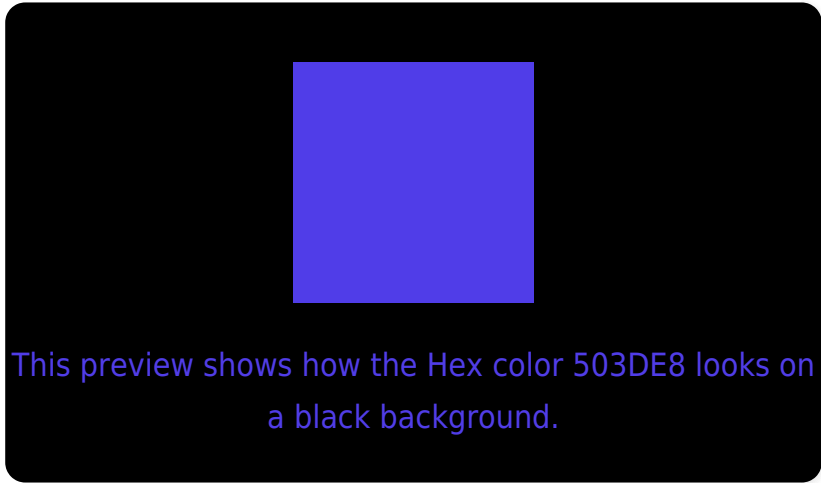
Large Text (above 18pt) WCAG AA ✓ Pass

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

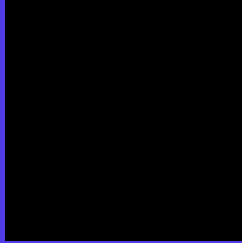
Any Text WCAG AA × Fail

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 503DE8 Background



This preview shows how black text looks on a background with the Hex color 503DE8.

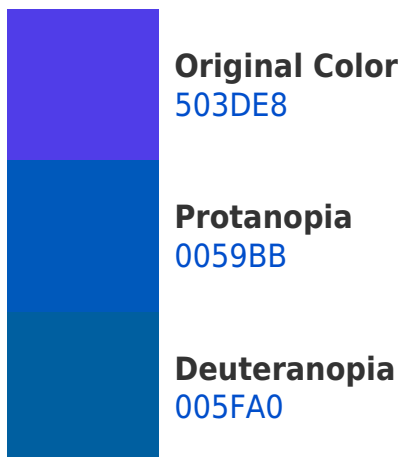


This preview shows how white text looks on a background with the Hex color 503DE8.

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](#).

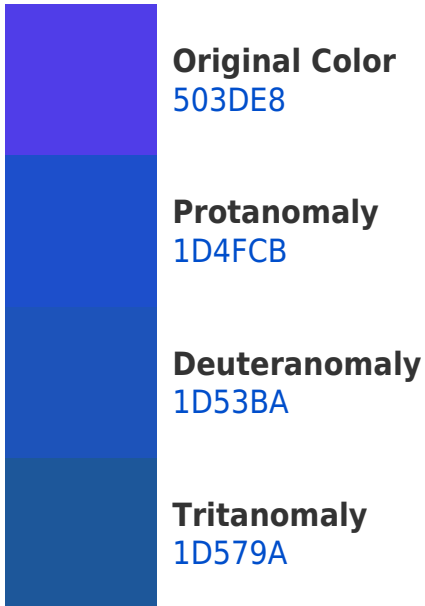
Dichromacy



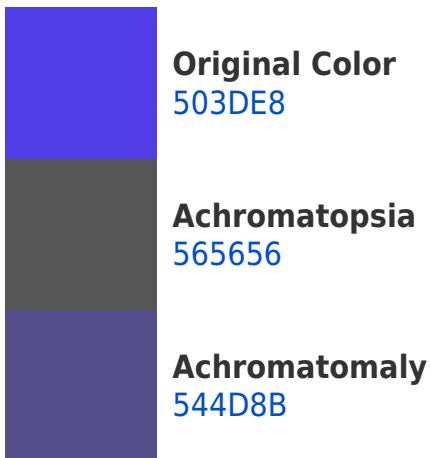


Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 503DE8 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 #503DE8 looks like.

```
.text, #text, p{  
    color:#503DE8  
}
```

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 #503DE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #503DE8  
}
```

Border

The CSS property to change the border of an element to Hex 503DE8 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  
#503DE8 }
```

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

```
.border{ border-color:#503DE8 }
```

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

Here you see how a box with a 4 pixel #503DE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #503DE8; -webkit-box-shadow:4px 4px  
4px 4px #503DE8; box-shadow:4px 4px 4px  
4px #503DE8 }
```

Background

The CSS property to change the background color of an element to Hex 503DE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#503DE8 }
```

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

```
.background{ background-color:#503DE8 }
```

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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