

Converting Colors

Hex(504DE3)

Have a look what the booklet for
Hex(504DE3) contains.

Hex(504DE3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(504DE3)

Conversions

Conversions Part 1

Format	Color
Hex	504DE3
RGB	80, 77, 227
RGB Percent	31%, 30%, 89%
CMY	0.6863, 0.6980, 0.1098
CMYK	0.65, 0.66, 0.00, 0.11
HSL	241°, 73%, 60%
HSV	241°, 66%, 89%
XYZ	19.8273, 12.5593, 74.0522
YIQ	94.9970, -46.3620, 47.2860

Conversions

Conversions Part 2

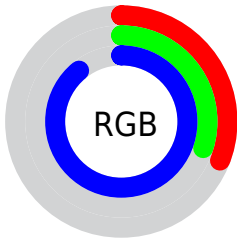
Format	Color
R_{YB}	80, 77, 227
Decimal	5262819
CIE _{Lab}	42.09, 46.14, -75.72
CIE _{LCh}	42, 88.675, 301.356
Yxy	12.5593, 0.1863, 0.1180
Android (android.graphics.Color)	4283452899 (0xFF504DE3)
YUV	94.9970, 65.0775, -13.1524
Hunter-Lab	35.4391, 37.8479, -99.0829

Details

The Hex color **504DE3** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **E0E34D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **907FFF**, and **001FAA** is the 20% darker color. If you saturate the color by 10%, you get **3A36E3**, and if you desaturate by 10%, it is **6664E3**.

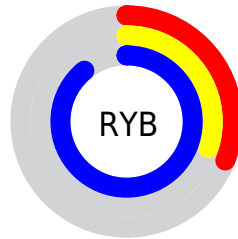
Distribution



Red (31%)

Green (30%)

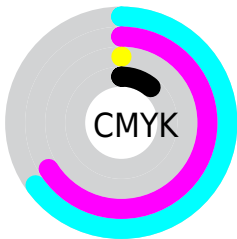
Blue (89%)



Red (31%)

Yellow (30%)

Blue (89%)

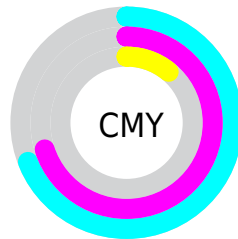


Cyan (65%)

Magenta (66%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (70%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 504DE3 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 504DE3 by changing the saturation by 10% instead.

■ 504DE3

■ 504DE3

FFFFFF

■ 2736C6

■ 907FFF

■ 001FAA

■ AF99FF

■ 000A8F

■ CEB4FF

■ 000074

■ ECD0FF

■ 00045B

■ FFECFF

■ 000742

■ 00032B

■ 000115

■ 000000

■ 504DE3

■ 504DE3

■ 3A36E3

■ 6664E3

■ 2420E3

■ 7C7AE3

■ 0D09E3

■ 9391E3

■ 0500E3

■ A9A8E3

■ BFBEE3

■ D5D5E3

■ ECECE3

■ FFFFE3

Harmonies

Analogous

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



006EF9



504DE3



B800AB

Triad

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



504DE3



AF3F00



007F65

Complementary

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



504DE3



E0E34D

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.



007B0D



504DE3



776200

Square

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



504DE3



D3001C



237300



007FAF

Rectangle

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



504DE3



D4007C



237300



007E4B

Sweetspot

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



504DE3



CDCCFF



4DE1E3



626180



000000



808080

Same Dimension

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



504DE3



3A36FF



9B4DE3



686773



0400B3



010033

Inverse Universe

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



E34DE0



FF36FB



96E34D



736773



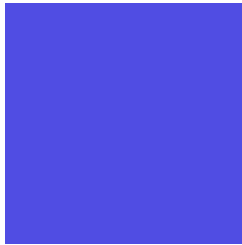
B300AF



330032

Previews

White Background



This preview shows how the Hex color 504DE3 looks on a white background.

Color Contrast Check

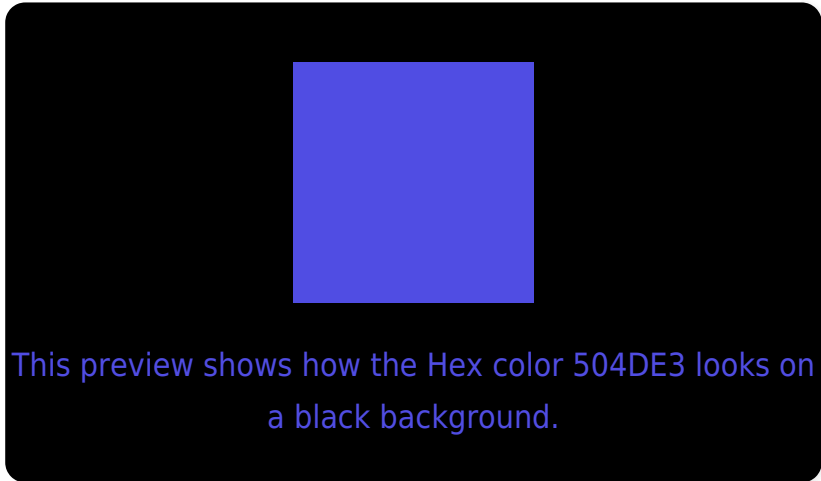
Large Text (above 18pt) WCAG AA ✓ Pass

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

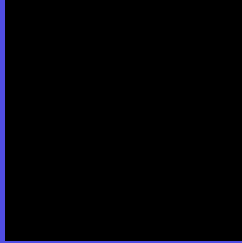
Any Text WCAG AA × Fail

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 504DE3 Background



This preview shows how black text looks on a background with the Hex color 504DE3.

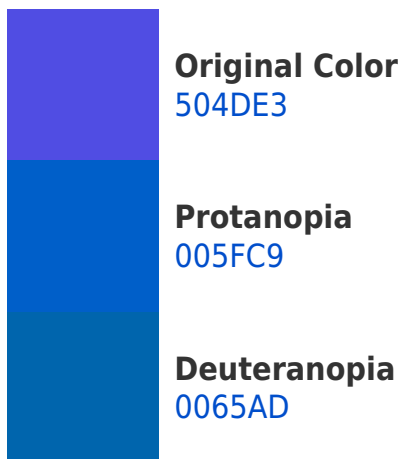


This preview shows how white text looks on a background with the Hex color 504DE3.

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](#).

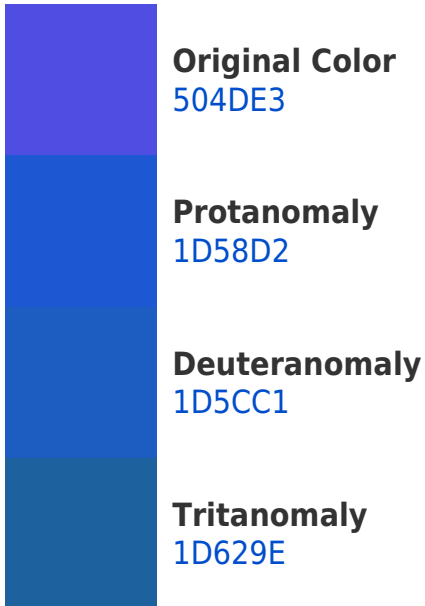
Dichromacy



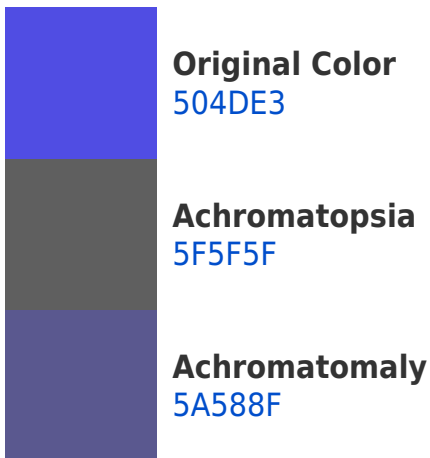


Tritanopia
006E76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 504DE3 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 #504DE3 looks like.

```
.text, #text, p{  
  color:#504DE3  
}
```

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 #504DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #504DE3
}
```

Border

The CSS property to change the border of an element to Hex 504DE3 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
#504DE3 }
```

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

```
.border{ border-color:#504DE3 }
```

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

Here you see how a box with a 4 pixel #504DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #504DE3; -webkit-box-shadow:4px 4px  
4px 4px #504DE3; box-shadow:4px 4px 4px  
4px #504DE3 }
```

Background

The CSS property to change the background color of an element to Hex 504DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#504DE3 }
```

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

```
.background{ background-color:#504DE3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor