

Converting Colors

Hex(504BBC)

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

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Color

Hex(504BBC)

Conversions

Conversions Part 1

Format	Color
Hex	504BBC
RGB	80, 75, 188
RGB Percent	31%, 29%, 74%
CMY	0.6863, 0.7059, 0.2627
CMYK	0.57, 0.60, 0.00, 0.26
HSL	243°, 46%, 52%
HSV	243°, 60%, 74%
XYZ	14.9014, 10.3685, 48.7929
YIQ	89.3770, -33.2930, 36.2030

Conversions

Conversions Part 2

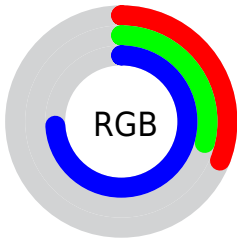
Format	Color
R _Y B	80, 75, 188
Decimal	5262268
CIE Lab	38.50, 34.71, -59.09
CIE LCh	38, 68.532, 300.432
Yxy	10.3685, 0.2012, 0.1400
Android (android.graphics.Color)	4283452348 (0xFF504BBC)
YUV	89.3770, 48.6211, -8.2236
Hunter-Lab	32.2001, 26.2554, -67.3022

Details

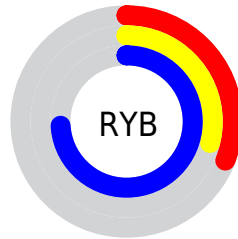
The Hex color **504BBC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **B7BC4B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8A7CF5**, and **001E86** is the 20% darker color. If you saturate the color by 10%, you get **3E38BC**, and if you desaturate by 10%, it is **625EBC**.

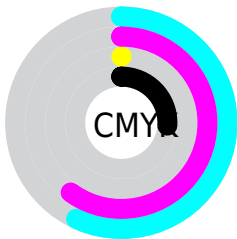
Distribution



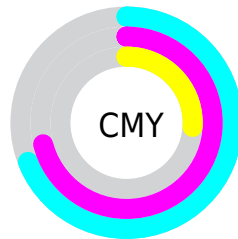
- Red (31%)
- Green (29%)
- Blue (74%)



- Red (31%)
- Yellow (29%)
- Blue (74%)



- Cyan (57%)
- Magenta (60%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (71%)
- Yellow (26%)

Brightness & Saturation Gradients

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

■ 504BBC

■ 504BBC

FFFFFF

■ 3034A0

■ 8A7CF5

■ 001E86

■ A796FF

■ 000B6C

■ C4B1FF

■ 000053

■ E2CDFF

■ 00063A

■ FFE9FF

■ 000224

■ 00000C

■ 000000

■ 504BBC

■ 504BBC

■ 3E38BC

■ 625EBC

■ 2C25BC

■ 7471BC

■ 1A13BC

■ 8683BC

■ 0800BC

■ 9896BC

■ AAA9BC

■ BCBCBC

■ CECFBC

■ E0E1BC

■ F2F4BC

Harmonies

Analogous

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



0062CC



504BBC



9B2593

Triad

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



504BBC



994000



00715A

Complementary

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



504BBC



B7BC4B

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.



006E1D



504BBC



6F5900

Square

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



504BBC



B31726



356700



007192

Rectangle

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



504BBC



B2006F



356700



007046

Sweetspot

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



504BBC



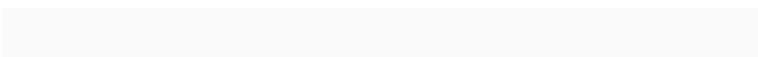
CBC9F5



4BB8BC



615F7A



FAFAFA



7A7A7A

Same Dimension

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



504BBC



4C45F5



874BBC



55555E



07009E



01001F

Inverse Universe

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



BC4BB7



F545ED



80BC4B



5E555E



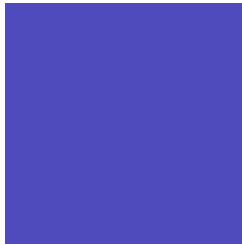
9E0097



1F001D

Previews

White Background



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

Color Contrast Check

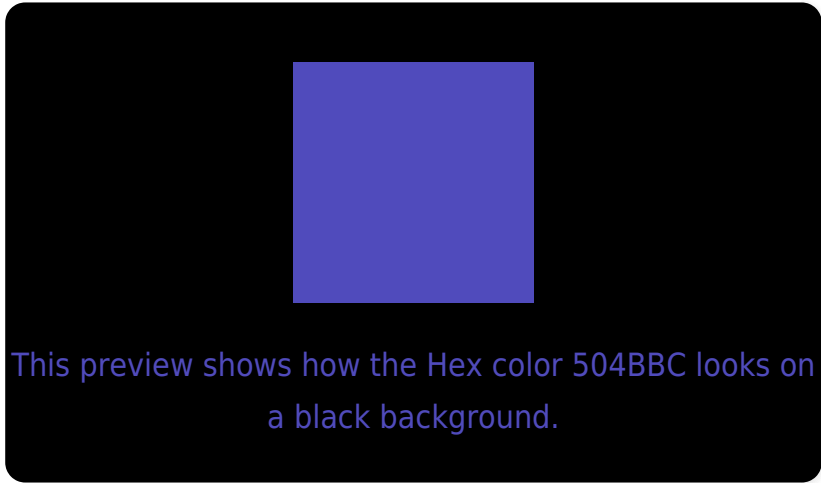
Large Text (above 18pt) WCAG AA ✓ Pass

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

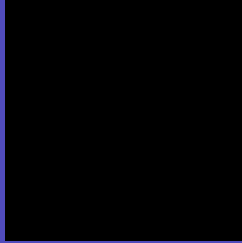
Any Text WCAG AA × Fail

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 504BBC Background



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

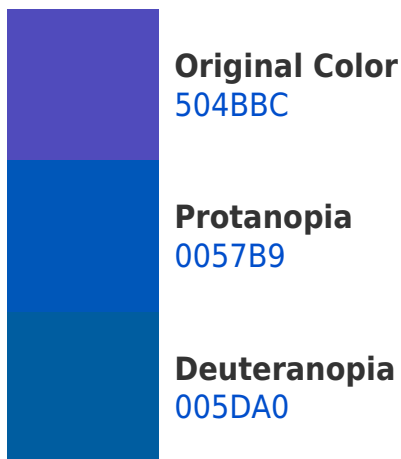


This preview shows how white text looks on a background with the Hex color 504BBC.

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](#).

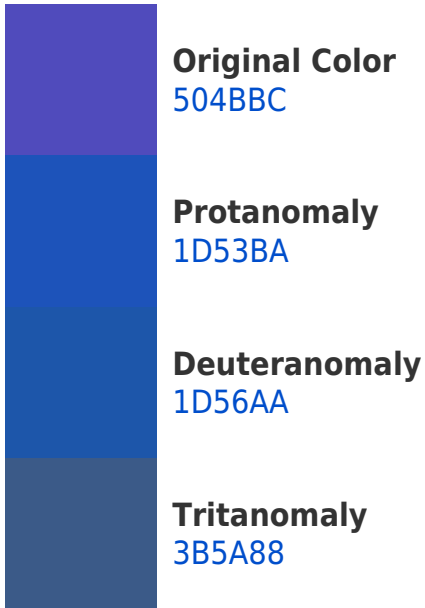
Dichromacy



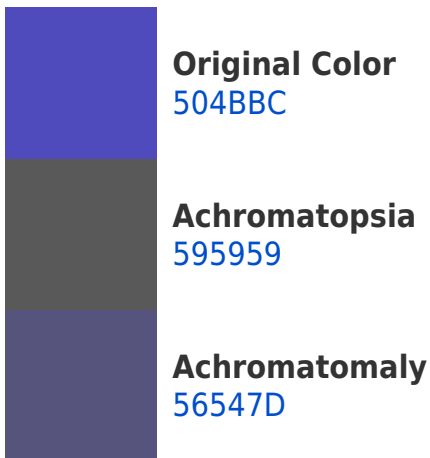


Tritanopia
2F626A

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #504BBC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 504BBC 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".

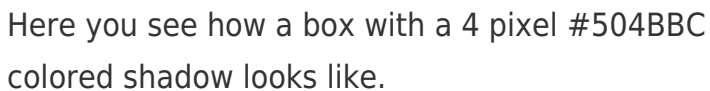
```
.border, #border, table{ border:4px solid
#504BBC }
```

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

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

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

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

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

Background

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

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

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

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

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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