

Converting Colors

Hex(504EAA)

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

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Color

Hex(504EAA)

Conversions

Conversions Part 1

Format	Color
Hex	504EAA
RGB	80, 78, 170
RGB Percent	31%, 31%, 67%
CMY	0.6863, 0.6941, 0.3333
CMYK	0.53, 0.54, 0.00, 0.33
HSL	241°, 37%, 49%
HSV	241°, 54%, 67%
XYZ	13.2884, 10.0565, 39.2709
YIQ	89.0860, -28.3400, 29.0360

Conversions

Conversions Part 2

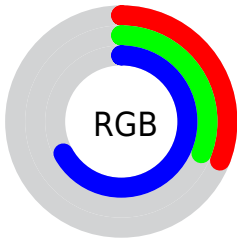
Format	Color
R_{YB}	80, 78, 170
Decimal	5263018
CIE _{Lab}	37.94, 26.99, -49.36
CIE _{LCh}	38, 56.255, 298.671
Yxy	10.0565, 0.2122, 0.1606
Android (android.graphics.Color)	4283453098 (0xFF504EAA)
YUV	89.0860, 39.8906, -7.9684
Hunter-Lab	31.7120, 19.3011, -51.2240

Details

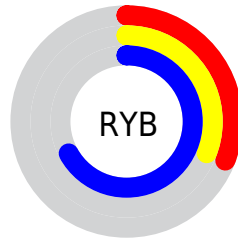
The Hex color **504EAA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A8AA4E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **887FE2**, and **0E2275** is the 20% darker color. If you saturate the color by 10%, you get **3F3DAA**, and if you desaturate by 10%, it is **615FAA**.

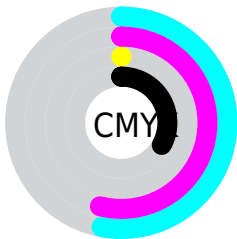
Distribution



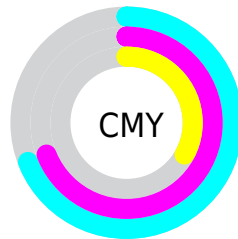
- Red (31%)
- Green (31%)
- Blue (67%)



- Red (31%)
- Yellow (31%)
- Blue (67%)



- Cyan (53%)
- Magenta (54%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

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

■ 504EAA

■ 504EAA

FFFFFF

■ 33378F

■ 887FE2

■ 0E2275

■ A499FF

■ 000E5C

■ C0B4FF

■ 000044

■ DDD0FF

■ 00032C

■ FBECFF

■ 000117

■ 000000

■ 504EAA

■ 504EAA

■ 3F3DAA

■ 615FAA

■ 2F2CAA

■ 7170AA

■ 1E1BAA

■ 8281AA

■ 0D0AAA

■ 9392AA

■ 0400AA

■ A3A3AA

■ B4B4AA

■ C4C5AA

■ D5D6AA

■ E6E7AA

Harmonies

Analogous

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



0060B5



504EAA



8D3689

Triad

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



504EAA



914400



006D56

Complementary

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



504EAA



A8AA4E

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.



006A26



504EAA



6E5700

Square

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



504EAA



A52C31



426300



006D84

Rectangle

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



504EAA



A1266D



426300



006C46

Sweetspot

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



504EAA



BBBADE



4EA8AA



5B5B70



F0F0F0



707070

Same Dimension

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



504EAA



514EDE



7E4EAA



4C4C54



030094



000014

Inverse Universe

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



AA4EA8



DE4EDB



7AAA4E



544C54



940091



140014

Previews

White Background



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

Color Contrast Check

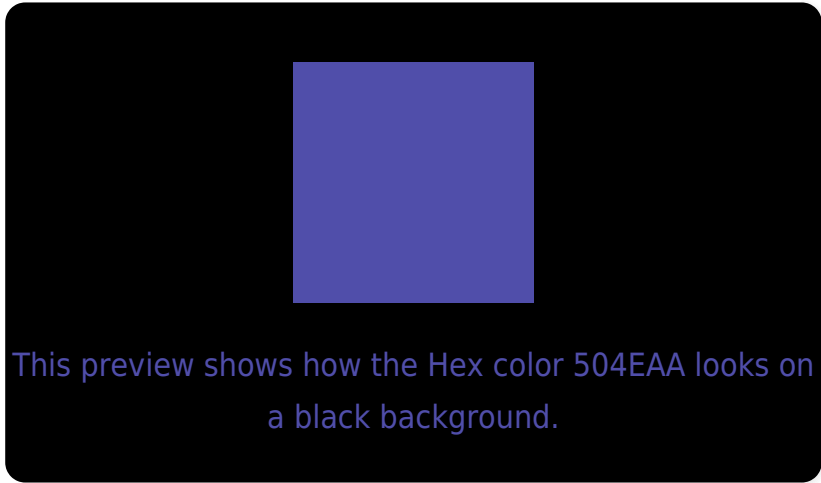
Large Text (above 18pt) WCAG AA ✓ Pass

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

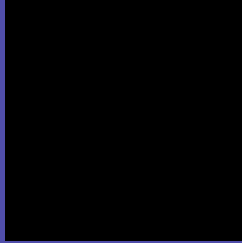
Any Text WCAG AA × Fail

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 504EAA Background



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

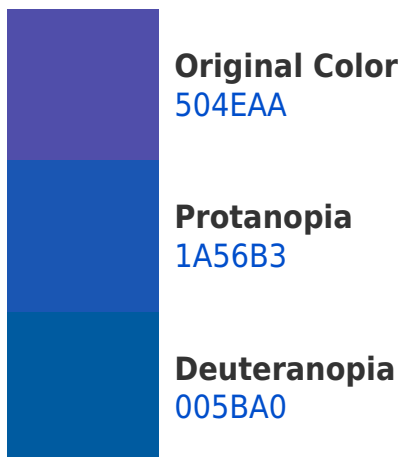


This preview shows how white text looks on a background with the Hex color 504EAA.

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](#).

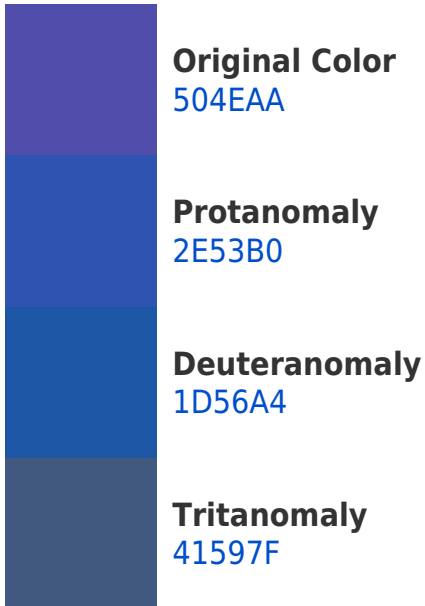
Dichromacy



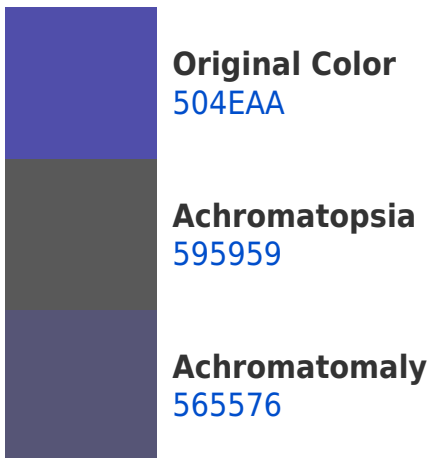


Tritanopia
395F67

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #504EAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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