

Converting Colors

Hex(514EA7)

Have a look what the booklet for
Hex(514EA7) contains.

Hex(514EA7)	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(514EA7)

Conversions

Conversions Part 1

Format	Color
Hex	514EA7
RGB	81, 78, 167
RGB Percent	32%, 31%, 65%
CMY	0.6824, 0.6941, 0.3451
CMYK	0.51, 0.53, 0.00, 0.35
HSL	242°, 36%, 48%
HSV	242°, 53%, 65%
XYZ	13.0928, 9.9881, 37.7971
YIQ	89.0430, -26.7810, 28.3150

Conversions

Conversions Part 2

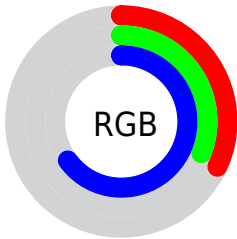
Format	Color
R _{YB}	81, 78, 167
Decimal	5328551
CIE _{Lab}	37.82, 26.24, -47.77
CIE _{LCh}	38, 54.498, 298.782
Yxy	9.9881, 0.2151, 0.1641
Android (android.graphics.Color)	4283518631 (0xFF514EA7)
YUV	89.0430, 38.4328, -7.0537
Hunter-Lab	31.6040, 18.6413, -48.7855

Details

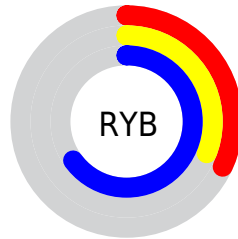
The Hex color **514EA7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A4A74E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **887FDF**, and **132272** is the 20% darker color. If you saturate the color by 10%, you get **413DA7**, and if you desaturate by 10%, it is **615FA7**.

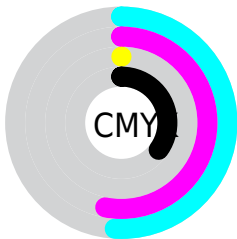
Distribution



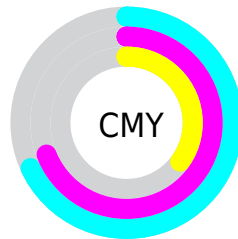
- Red (32%)
- Green (31%)
- Blue (65%)



- Red (32%)
- Yellow (31%)
- Blue (65%)



- Cyan (51%)
- Magenta (53%)
- Yellow (0%)
- Black (35%)



- Cyan (68%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 514EA7 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 514EA7 by changing the saturation by 10% instead.

■ 514EA7

FFFFFF

■ 887FDF

■ A499FC

■ C1B4FF

■ DDD0FF

■ FBECFF

■ 514EA7

■ 413DA7

■ 514EA7

■ 35378C

■ 132272

■ 000E59

■ 000041

■ 00032A

■ 000114

■ 000000

■ 514EA7

■ 615FA7

■ 312DA7

■ 716FA7

■ 211CA7

■ 8180A7

■ 100BA7

■ 9291A7

■ 0600A7

■ A2A1A7

■ B2B2A7

■ C2C3A7

■ D2D4A7

■ E2E4A7

Harmonies

Analogous

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



005FB2



514EA7



8B3787

Triad

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



514EA7



8F4404



006C56

Complementary

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



514EA7



A4A74E

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.



006928



514EA7



6E5700

Square

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



514EA7



A32E32



426300



006C82

Rectangle

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



514EA7



9F296C



426300



006C46

Sweetspot

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



514EA7



B7B6D9



4EA4A7



5A596E



EDEDED



6E6E6E

Same Dimension

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



514EA7



534ED9



7D4EA7



4C4C54



050094



010014

Inverse Universe

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



A74EA4



D94ED4



78A74E



544C54



94008F



140014

Previews

White Background



This preview shows how the Hex color 514EA7 looks on a white background.

Color Contrast Check

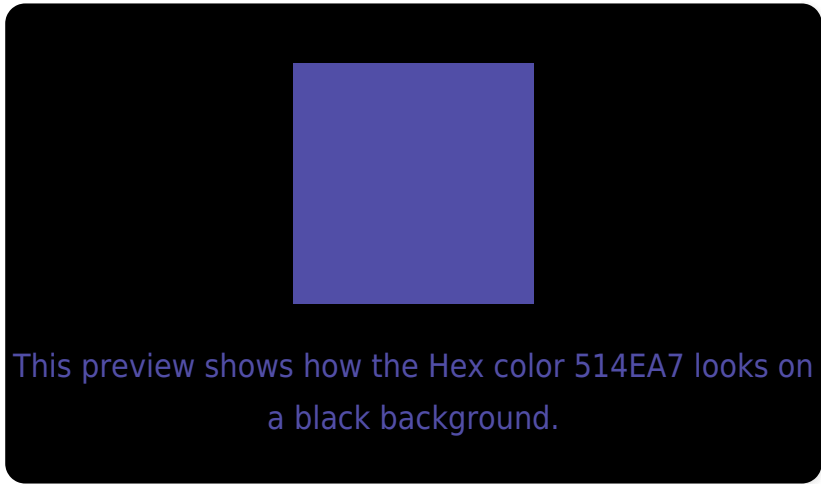
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

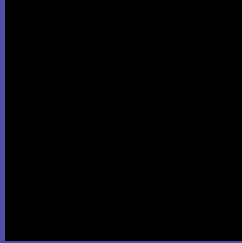
Any Text WCAG AA × Fail

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 514EA7 Background



This preview shows how black text looks on a background with the Hex color 514EA7.

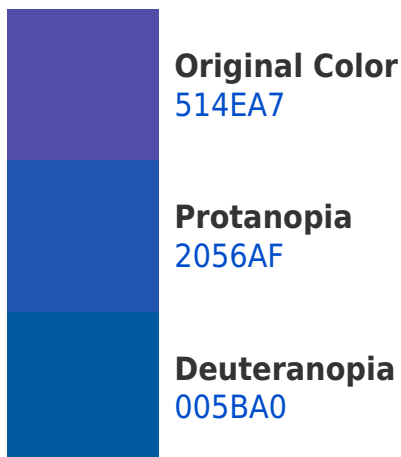



This preview shows how white text looks on a background with the Hex color 514EA7.

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](#).

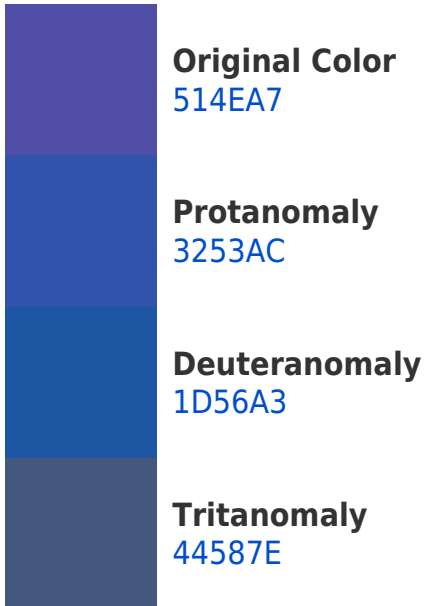
Dichromacy



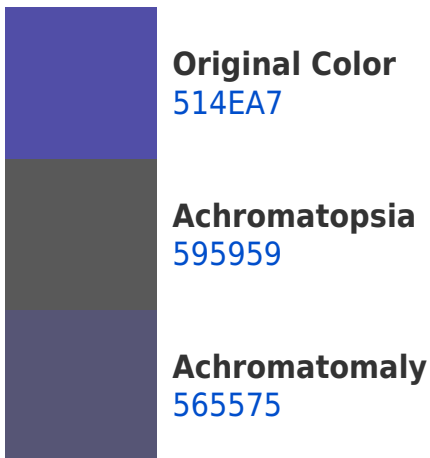


Tritanopia
3C5E66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 514EA7 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 #514EA7 looks like.

```
.text, #text, p{  
    color:#514EA7  
}
```

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 #514EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #514EA7
}
```

Border

The CSS property to change the border of an element to Hex 514EA7 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".

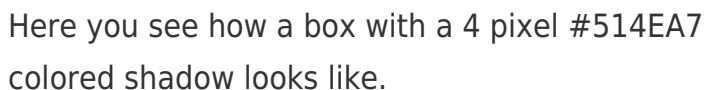
```
.border, #border, table{ border:4px solid
#514EA7 }
```

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

```
.border{ border-color:#514EA7 }
```

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

Here you see how a box with a 4 pixel #514EA7 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 #514EA7; -webkit-box-shadow:4px 4px  
4px 4px #514EA7; box-shadow:4px 4px 4px  
4px #514EA7 }
```

Background

The CSS property to change the background color of an element to Hex 514EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#514EA7 }
```

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

```
.background{ background-color:#514EA7 }
```

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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