

Converting Colors

Hex(584E96)

Have a look what the booklet for
Hex(584E96) contains.

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Color

Hex(584E96)

Conversions

Conversions Part 1

Format	Color
Hex	584E96
RGB	88, 78, 150
RGB Percent	35%, 31%, 59%
CMY	0.6549, 0.6941, 0.4118
CMYK	0.41, 0.48, 0.00, 0.41
HSL	248°, 32%, 45%
HSV	248°, 48%, 59%
XYZ	12.2539, 9.7255, 30.0855
YIQ	89.1980, -17.1520, 24.5120

Conversions

Conversions Part 2

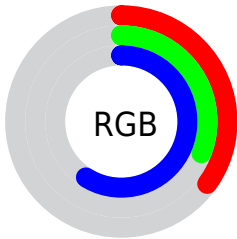
Format	Color
R_{YB}	88, 78, 150
Decimal	5787286
CIE _{Lab}	37.35, 22.65, -38.29
CIE _{LCh}	37, 44.490, 300.609
Yxy	9.7255, 0.2354, 0.1868
Android (android.graphics.Color)	4283977366 (0xFF584E96)
YUV	89.1980, 29.9754, -1.0506
Hunter-Lab	31.1857, 15.5636, -35.3683

Details

The Hex color **584E96** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C964E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8D7FCD**, and **242163** is the 20% darker color. If you saturate the color by 10%, you get **4B3F96**, and if you desaturate by 10%, it is **655D96**.

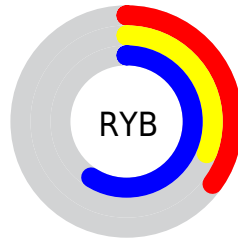
Distribution



Red (35%)

Green (31%)

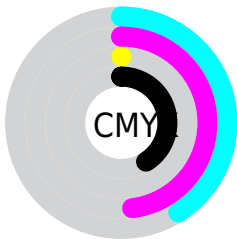
Blue (59%)



Red (35%)

Yellow (31%)

Blue (59%)

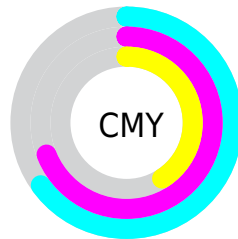


Cyan (41%)

Magenta (48%)

Yellow (0%)

Black (41%)



Cyan (65%)

Magenta (69%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584E96 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 584E96 by changing the saturation by 10% instead.



584E96



584E96

FFFFFF



3E377C



8D7FCD



242163



A899E9



030D4A



C4B4FF



000033



E1D0FF



00021D



FECCFF



000000



584E96



584E96



4B3F96



655D96



3E3096



726C96

■ 312196

■ 7F7B96

■ 241296

■ 8C8A96

■ 170396

■ 999996

■ 150096

■ A6A896

■ B2B796

■ BFC696

■ CCD596

Harmonies

Analogous

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



005CA0



584E96



833E7C

Triad

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



584E96



854817



006958

Complementary

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



584E96



8C964E

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.



006633



584E96



695602

Square

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



584E96



963A36



456012



00687C

Rectangle

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



584E96



933665



456012



00684B

Sweetspot

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



584E96



AAA7C2



4E8C96



535061



E0E0E0



616161

Same Dimension

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



584E96



6151C2



7C4E96



44434A



13008A



01000A

Inverse Universe

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



964E8C



C251B2



68964E



4A4349



8A0077



0A0009

Previews

White Background



This preview shows how the Hex color 584E96 looks on a white background.

Color Contrast Check

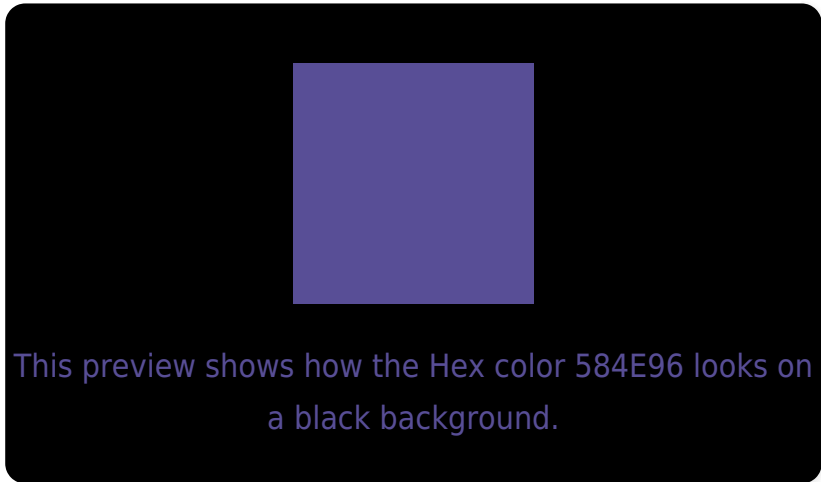
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

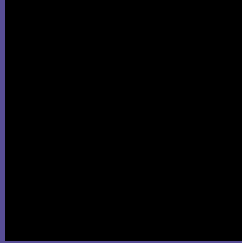
Any Text WCAG AA × Fail

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 584E96 Background



This preview shows how black text looks on a background with the Hex color 584E96.

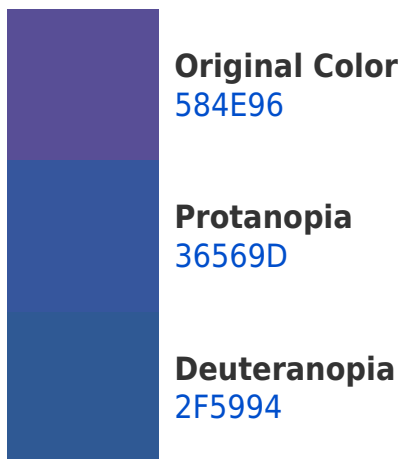


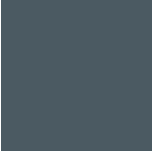
This preview shows how white text looks on a background with the Hex color 584E96.

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](#).

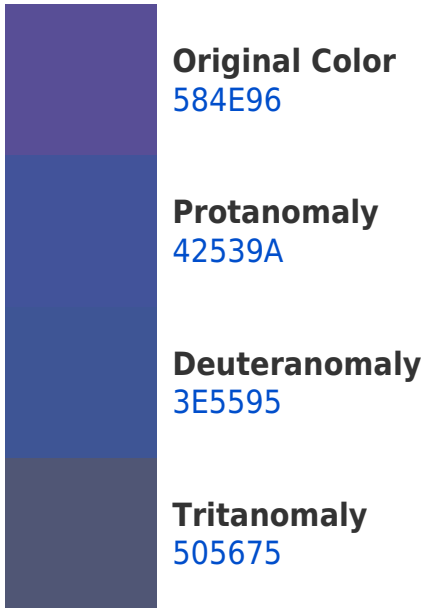
Dichromacy





Tritanopia
4B5A62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 584E96 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 #584E96 looks like.

```
.text, #text, p{  
    color:#584E96  
}
```

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 #584E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584E96
}
```

Border

The CSS property to change the border of an element to Hex 584E96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

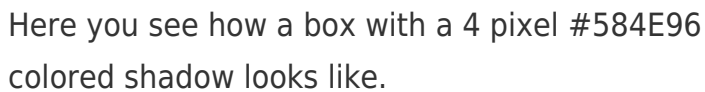
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584E96 }
```

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

```
.border{ border-color:#584E96 }
```

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



Here you see how a box with a 4 pixel #584E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584E96; -webkit-box-shadow:4px 4px  
4px 4px #584E96; box-shadow:4px 4px 4px  
4px #584E96 }
```

Background

The CSS property to change the background color of an element to Hex 584E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584E96 }
```

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

```
.background{ background-color:#584E96 }
```

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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