

Converting Colors

Hex(555EA6)

Have a look what the booklet for
Hex(555EA6) contains.

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Color

Hex(555EA6)

Conversions

Conversions Part 1

Format	Color
Hex	555EA6
RGB	85, 94, 166
RGB Percent	33%, 37%, 65%
CMY	0.6667, 0.6314, 0.3490
CMYK	0.49, 0.43, 0.00, 0.35
HSL	233°, 32%, 49%
HSV	233°, 49%, 65%
XYZ	14.6320, 12.6899, 37.7546
YIQ	99.5170, -28.4760, 20.4840

Conversions

Conversions Part 2

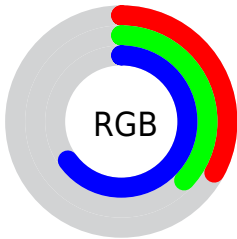
Format	Color
R_{YB}	85, 93, 166
Decimal	5594790
CIE _{Lab}	42.29, 16.71, -40.00
CIE _{LCh}	42, 43.355, 292.675
Yxy	12.6899, 0.2248, 0.1950
Android (android.graphics.Color)	4283784870 (0xFF555EA6)
YUV	99.5170, 32.7761, -12.7314
Hunter-Lab	35.6229, 10.9782, -37.9020

Details

The Hex color **555EA6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A69D55**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8B90DE**, and **1C3071** is the 20% darker color. If you saturate the color by 10%, you get **444FA6**, and if you desaturate by 10%, it is **666DA6**.

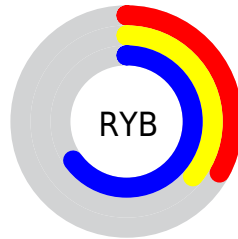
Distribution



Red (33%)

Green (37%)

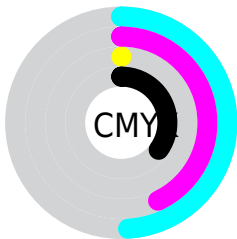
Blue (65%)



Red (33%)

Yellow (36%)

Blue (65%)

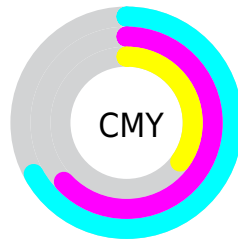


Cyan (49%)

Magenta (43%)

Yellow (0%)

Black (35%)



Cyan (67%)

Magenta (63%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 555EA6 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 555EA6 by changing the saturation by 10% instead.

■ 555EA6

■ 555EA6

FFFFFF

■ 3A478B

■ 8B90DE

■ 1C3071

■ A7ABFA

■ 001C59

■ C3C6FF

■ 000241

■ E0E2FF

■ 00032A

■ FDFEFF

■ 000114

■ 000000

■ 555EA6

■ 555EA6

■ 444FA6

■ 666DA6

■ 3440A6

■ 767CA6

■ 2332A6

■ 878AA6

■ 1323A6

■ 9799A6

■ 0214A6

■ A8A8A6

■ 0012A6

■ B9B7A6

■ C9C5A6

■ DAD4A6

■ EAE3A6

Harmonies

Analogous

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



006AAB



555EA6



874F90

Triad

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



555EA6



98512B



00755A

Complementary

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



555EA6



A69D55

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.



2F7136



555EA6



7E5F17

Square

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



555EA6



A5454A



5C6A1C



00757E

Rectangle

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



555EA6



9A467A



5C6A1C



00744D

Sweetspot

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



555EA6



B8BCD9



55A69D



5A5C6E



EDEDED



6E6E6E

Same Dimension

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



555EA6



5967D9



7455A6



4C4D54



001094



000214

Inverse Universe

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



A6555E



D95967



87A655



544C4D



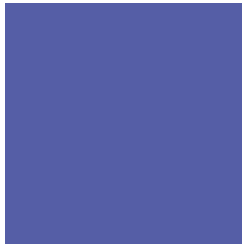
940010



140002

Previews

White Background



This preview shows how the Hex color 555EA6 looks on a white background.

Color Contrast Check

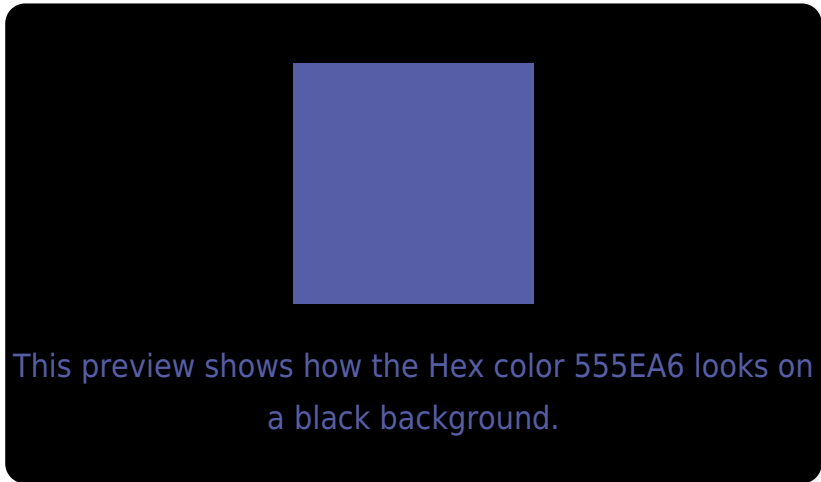
Large Text (above 18pt) WCAG AA ✓ Pass

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

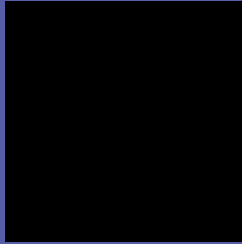
Any Text WCAG AA × Fail

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 555EA6 Background



This preview shows how black text looks on a background with the Hex color 555EA6.

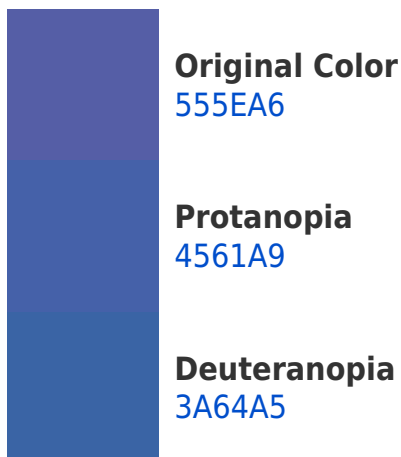


This preview shows how white text looks on a background with the Hex color 555EA6.

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](#).

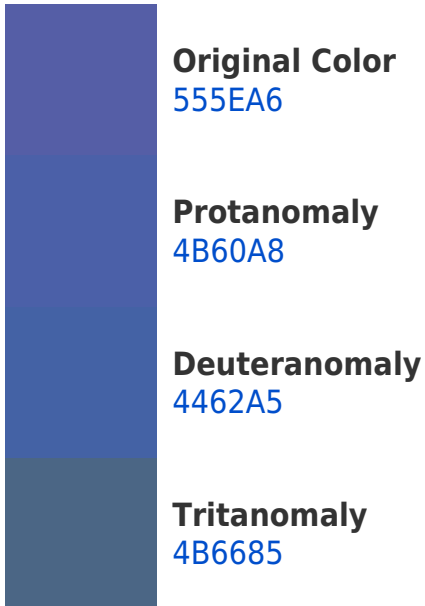
Dichromacy





Tritanopia
456A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 555EA6 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 #555EA6 looks like.

```
.text, #text, p{  
    color:#555EA6  
}
```

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 #555EA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #555EA6  
}
```

Border

The CSS property to change the border of an element to Hex 555EA6 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  
#555EA6 }
```

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

```
.border{ border-color:#555EA6 }
```

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

Here you see how a box with a 4 pixel #555EA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #555EA6; -webkit-box-shadow:4px 4px  
4px 4px #555EA6; box-shadow:4px 4px 4px  
4px #555EA6 }
```

Background

The CSS property to change the background color of an element to Hex 555EA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#555EA6 }
```

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

```
.background{ background-color:#555EA6 }
```

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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