

# Converting Colors

Hex(567AA5)

Have a look what the booklet for  
Hex(567AA5) contains.

<b>Hex(567AA5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(567AA5)

# Conversions

## Conversions Part 1

Format	Color
Hex	567AA5
RGB	86, 122, 165
RGB Percent	34%, 48%, 65%
CMY	0.6627, 0.5216, 0.3529
CMYK	0.48, 0.26, 0.00, 0.35
HSL	213°, 31%, 49%
HSV	213°, 48%, 65%
XYZ	17.5888, 18.6141, 38.2632
YIQ	116.1380, -35.2590, 5.7410

# Conversions

## Conversions Part 2

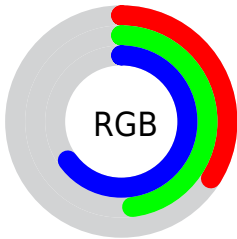
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	86, 111, 165
Decimal	5667493
CIE Lab	50.23, -0.56, -26.94
CIE LCh	50, 26.947, 268.816
Yxy	18.6141, 0.2362, 0.2500
Android (android.graphics.Color)	4283857573 (0xFF567AA5)
YUV	116.1380, 24.0890, -26.4310
Hunter-Lab	43.1441, -2.7319, -22.3816

# Details

The Hex color **567AA5** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A58156**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8CAEDC**, and **1F4A71** is the 20% darker color. If you saturate the color by 10%, you get **4671A5**, and if you desaturate by 10%, it is **6783A5**.

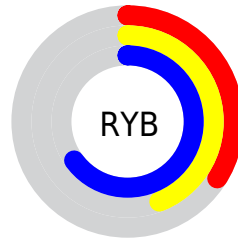
# Distribution



Red (34%)

Green (48%)

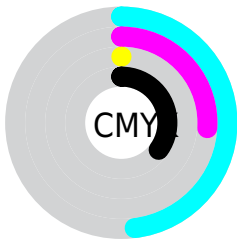
Blue (65%)



Red (34%)

Yellow (44%)

Blue (65%)

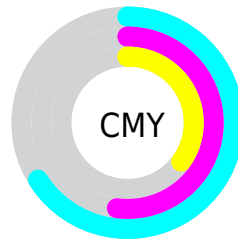


Cyan (48%)

Magenta (26%)

Yellow (0%)

Black (35%)



Cyan (66%)

Magenta (52%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 567AA5 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 567AA5 by changing the saturation by 10% instead.



■ 567AA5

■ 567AA5

FFFFFF

■ 3B618B

■ 8CAEDC

■ 1F4A71

■ A7CAF9

■ 003358

■ C3E6FF

■ 001E41

■ E0FFFF

■ 00042B

■ F0FFFF

■ 000115

■ 000000

■ 567AA5

■ 567AA5

■ 4671A5

■ 6783A5

■ 3568A5

■ 778CA5

■ 245FA5

■ 8895A5

■ 1456A5

■ 989EA5

■ 044DA5

■ A9A7A5

■ 004BA5

■ B9B0A5

■ C9B9A5

■ DAC2A5

■ EBCBA5

# Harmonies

## Analogous

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



32809E



567AA5



7972A0

# Triad

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



567AA5



A46863



55825F

# Complementary

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



567AA5



A58156

# 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.



707D4F



567AA5



9A6E51

# Square

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



567AA5



A26679



887649



388476

# Rectangle

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



567AA5



8C6D96



887649



5E8059



# Sweetspot

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



567AA5



B8C6D6



56A580



59616B



EBEBEB



6B6B6B



# Same Dimension

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



567AA5



5C94D6



5956A5



494D52



004291



000812



# Inverse Universe

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



A5567A



D65C94



A2A556



52494D



910042

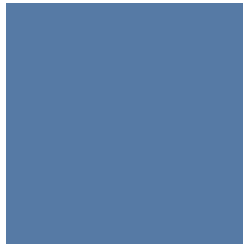


120008



# Previews

## White Background



This preview shows how the Hex color 567AA5 looks on a white background.

## Color Contrast Check

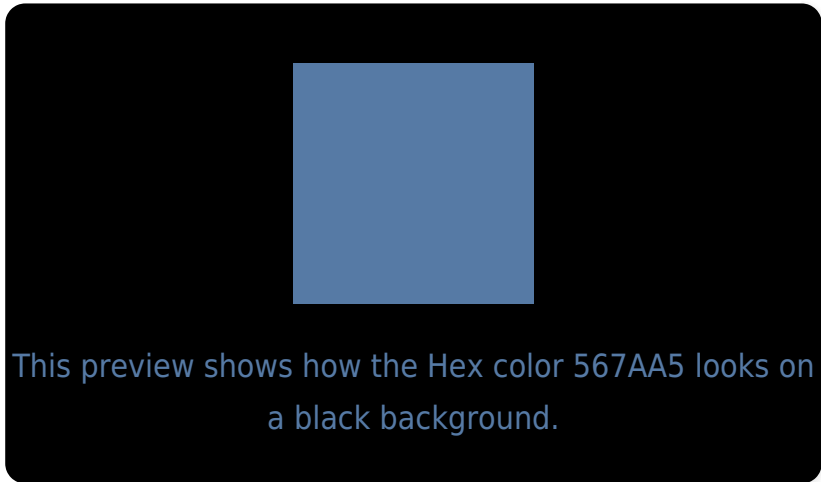
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

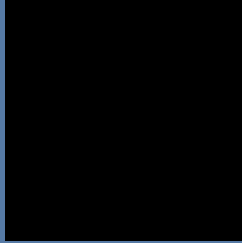
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

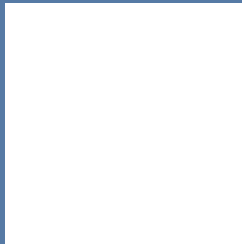
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 567AA5 Background



This preview shows how black text looks on a background with the Hex color 567AA5.

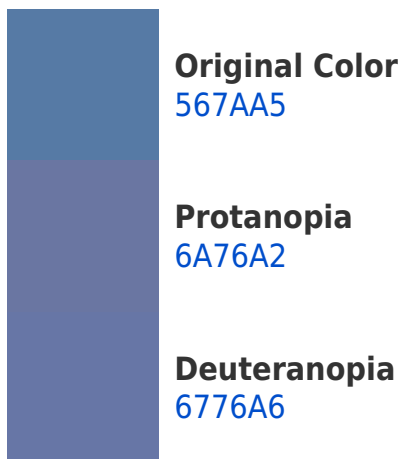


This preview shows how white text looks on a background with the Hex color 567AA5.

# 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](#).

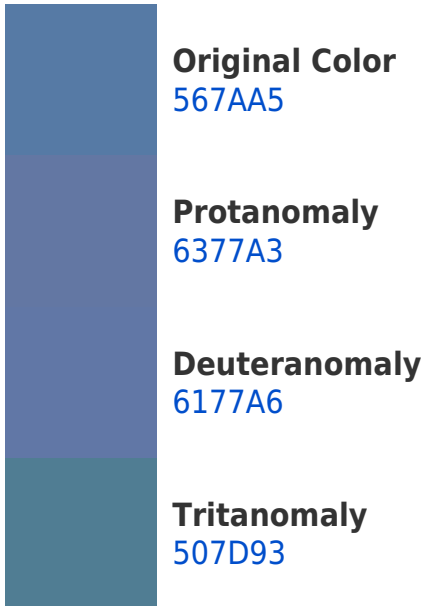
## Dichromacy





**Tritanopia**  
4D7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 567AA5 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 #567AA5 looks like.

```
.text, #text, p{  
    color:#567AA5  
}
```

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 #567AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #567AA5  
}
```

## Border

The CSS property to change the border of an element to Hex 567AA5 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  
#567AA5 }
```

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

```
.border{ border-color:#567AA5 }
```

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

Here you see how a box with a 4 pixel #567AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #567AA5; -webkit-box-shadow:4px 4px  
4px 4px #567AA5; box-shadow:4px 4px 4px  
4px #567AA5 }
```

# Background

The CSS property to change the background color of an element to Hex 567AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#567AA5 }
```

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

```
.background{ background-color:#567AA5 }
```

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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