

# Converting Colors

Hex(55527A)

Have a look what the booklet for  
Hex(55527A) contains.

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# Color

Hex(55527A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55527A
RGB	85, 82, 122
RGB Percent	33%, 32%, 48%
CMY	0.6667, 0.6784, 0.5216
CMYK	0.30, 0.33, 0.00, 0.52
HSL	244°, 20%, 40%
HSV	244°, 33%, 48%
XYZ	10.2765, 9.3710, 19.6795
YIQ	87.4570, -11.0520, 13.0760

# Conversions

## Conversions Part 2

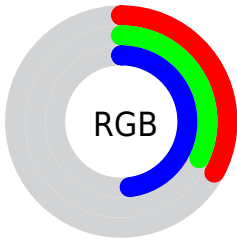
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 82, 122
Decimal	5591674
CIE <sub>Lab</sub>	36.69, 11.09, -22.24
CIE <sub>LCh</sub>	37, 24.848, 296.508
Yxy	9.3710, 0.2613, 0.2383
Android (android.graphics.Color)	4283781754 (0xFF55527A)
<b>YUV</b>	87.4570, 17.0297, -2.1548
Hunter-Lab	30.6121, 6.3510, -16.6871

# Details

The Hex color **55527A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **777A52**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8883AF**, and **262549** is the 20% darker color. If you saturate the color by 10%, you get **4A467A**, and if you desaturate by 10%, it is **605E7A**.

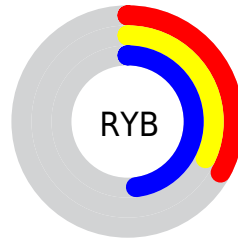
# Distribution



Red (33%)

Green (32%)

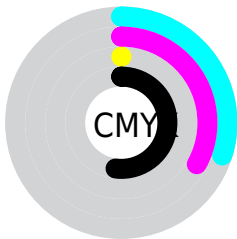
Blue (48%)



Red (33%)

Yellow (32%)

Blue (48%)

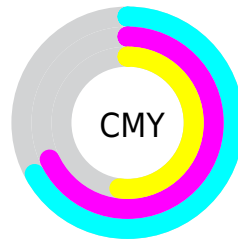


Cyan (30%)

Magenta (33%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (68%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55527A 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 55527A by changing the saturation by 10% instead.



■ 55527A

■ 55527A

FFFFFF

■ 3D3B61

■ 8883AF

■ 262549

■ A29DCA

■ 0F1132

■ BEB8E6

■ 00021D

■ DAD4FF

■ 000000

■ F6F0FF

■ 55527A

■ 55527A

■ 4A467A

■ 605E7A

■ 3E3A7A

■ 6C6A7A

■ 332D7A

■ 77777A

■ 28217A

■ 82837A

■ 1D157A

■ 8D8F7A

■ 11097A

■ 999B7A

■ 09007A

■ A4A77A

■ AFB47A

■ BBC07A

# Harmonies

## Analogous

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



34597E



55527A



6D4B6D

# Triad

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



55527A



754D36



1C6153

# Complementary

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



55527A



777A52

# 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.



395F40



55527A



65542E

# Square

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



55527A



7D4846



515A32



006167

# Rectangle

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



55527A



774860



515A32



27604C



# Sweetspot

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



55527A



8F8E9E



52777A



46464F



CFCFCF



4F4F4F



# Same Dimension

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



55527A



65609E



69527A



38373D



09007D



1300FC



# Inverse Universe

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



7A5277



9E6099



637A52



3D373D



7D0074



FC00EA



# Previews

## White Background



This preview shows how the Hex color 55527A 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

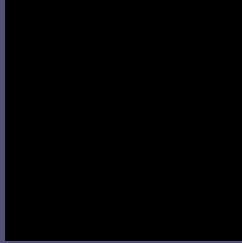
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55527A Background



This preview shows how black text looks on a background with the Hex color 55527A.



This preview shows how white text looks on a background with the Hex color 55527A.

# 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



**Original Color**  
55527A

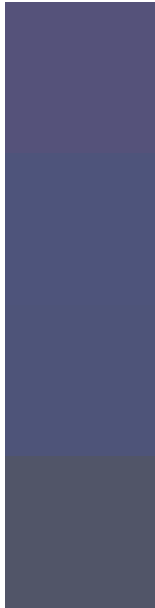
**Protanopia**  
4A557C

**Deuteranopia**  
4A5579



**Tritanopia**  
4F575E

# Trichromacy



**Original Color**  
55527A

**Protanomaly**  
4E547B

**Deuteranomaly**  
4E5479

**Tritanomaly**  
515568

# Monochromacy



**Original Color**  
55527A

**Achromatopsia**  
575757

**Achromatomaly**  
565564

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55527A 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 #55527A looks like.

```
.text, #text, p{  
    color:#55527A  
}
```

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 #55527A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55527A
}
```

## Border

The CSS property to change the border of an element to Hex 55527A 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
#55527A }
```

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

```
.border{ border-color:#55527A }
```

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

Here you see how a box with a 4 pixel #55527A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55527A; -webkit-box-shadow:4px 4px  
4px 4px #55527A; box-shadow:4px 4px 4px  
4px #55527A }
```

# Background

The CSS property to change the background color of an element to Hex 55527A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55527A }
```

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

```
.background{ background-color:#55527A }
```

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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