

# Converting Colors

Hex(57661A)

Have a look what the booklet for  
Hex(57661A) contains.

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**Color**

**Hex(57661A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57661A
RGB	87, 102, 26
RGB Percent	34%, 40%, 10%
CMY	0.6588, 0.6000, 0.8980
CMYK	0.15, 0.00, 0.75, 0.60
HSL	72°, 59%, 25%
HSV	72°, 75%, 40%
XYZ	8.8683, 11.6036, 2.7496
YIQ	88.8510, 15.4560, -26.8160

# Conversions

## Conversions Part 2

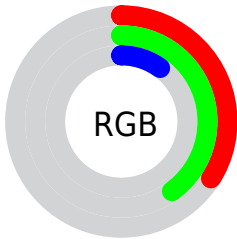
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 102, 41
Decimal	5727770
CIE <sub>Lab</sub>	40.58, -17.10, 38.87
CIE <sub>LCh</sub>	41, 42.466, 113.738
Yxy	11.6036, 0.3819, 0.4997
Android (android.graphics.Color)	4283917850 (0xFF57661A)
YUV	88.8510, -30.9855, -1.6233
Hunter-Lab	34.0640, -13.1409, 19.0590

# Details

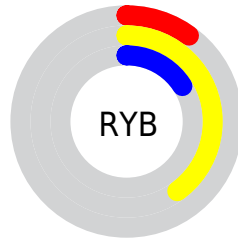
The Hex color **57661A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **291A66**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8B994B**, and **273700** is the 20% darker color. If you saturate the color by 10%, you get **556610**, and if you desaturate by 10%, it is **596624**.

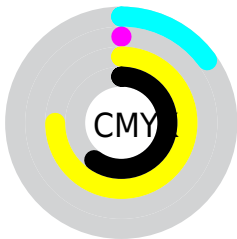
# Distribution



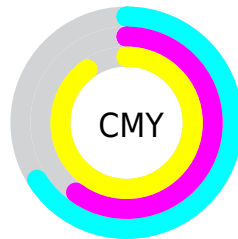
- Red (34%)
- Green (40%)
- Blue (10%)



- Red (10%)
- Yellow (40%)
- Blue (16%)



- Cyan (15%)
- Magenta (0%)
- Yellow (75%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57661A 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 57661A by changing the saturation by 10% instead.





57661A



57661A

FFFFFF



3E4E00



8B994B



273700



A6B464



0D2200



C2CF7E



000400



DEEB98



000000



FBFFB4



FFFFD0



FFF FEC



57661A



57661A

■ 556610

■ 596624

■ 536606

■ 5B662E

■ 526600

■ 5D6639

■ 5F6643

■ 61664D

■ 636657

■ 656661

■ 67666C

■ 696676

# Harmonies

## Analogous

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



785B14



57661A



2A6D34

# Triad

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



57661A



006D97



9B4068

# Complementary

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



57661A



291A66

# 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.



834B89



57661A



0066A5

# Square

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



57661A



00707B



5359A0



9E4246

# Rectangle

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



57661A



006F4B



5359A0



954274



# Sweetspot

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



57661A



7F8567



66281A



3F4231



C2C2C2



424242



# Same Dimension

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



57661A



6D850F



32661A



32332E



5C7300



C2F200



# Inverse Universe

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



291A66



260F85



4E1A66



2F2E33



170073



3000F2



# Previews

## White Background



This preview shows how the Hex color 57661A looks on a white background.

## Color Contrast Check

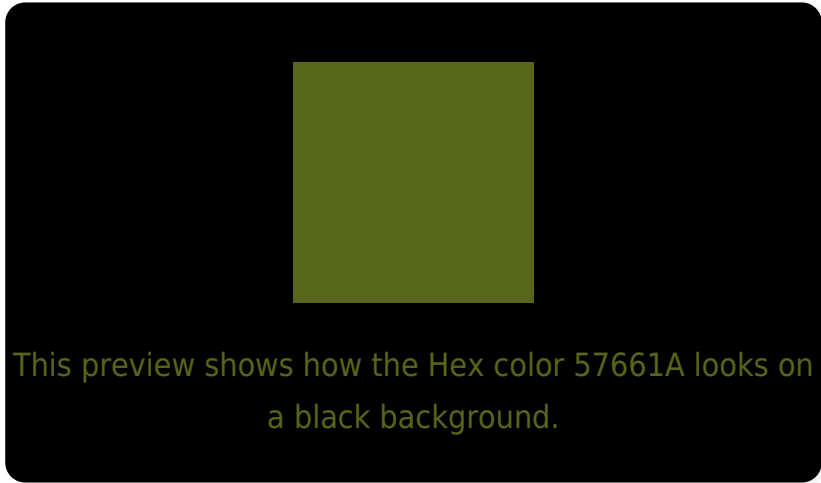
Large Text (above 18pt) WCAG AA ✓ Pass

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

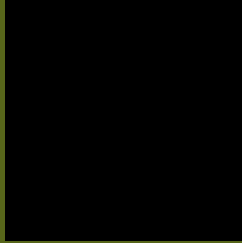
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 57661A Background



This preview shows how black text looks on a background with the Hex color 57661A.



This preview shows how white text looks on a background with the Hex color 57661A.

# 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**  
57661A

**Protanopia**  
6B6018

**Deuteranopia**  
785B1F



**Tritanopia**  
5F5F67

# Trichromacy



**Original Color**  
57661A

**Protanomaly**  
646219

**Deuteranomaly**  
6C5F1D

**Tritanomaly**  
5C624B

# Monochromacy



**Original Color**  
57661A

**Achromatopsia**  
595959

**Achromatomaly**  
585E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57661A 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 #57661A looks like.

```
.text, #text, p{  
    color:#57661A  
}
```

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 #57661A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57661A
}
```

## Border

The CSS property to change the border of an element to Hex 57661A 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
#57661A }
```

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

```
.border{ border-color:#57661A }
```

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

Here you see how a box with a 4 pixel #57661A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57661A; -webkit-box-shadow:4px 4px  
4px 4px #57661A; box-shadow:4px 4px 4px  
4px #57661A }
```

# Background

The CSS property to change the background color of an element to Hex 57661A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57661A }
```

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

```
.background{ background-color:#57661A }
```

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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