

# Converting Colors

Hex(5E7600)

Have a look what the booklet for  
Hex(5E7600) contains.

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# Color

**Hex(5E7600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E7600
RGB	94, 118, 0
RGB Percent	37%, 46%, 0%
CMY	0.6314, 0.5373, 1.0000
CMYK	0.20, 0.00, 1.00, 0.54
HSL	72°, 100%, 23%
HSV	72°, 100%, 46%
XYZ	11.0945, 15.3366, 2.3755
YIQ	97.3720, 23.5740, -41.7860

# Conversions

## Conversions Part 2

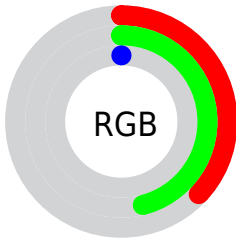
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 118, 24
Decimal	6190592
CIELab	46.09, -23.28, 51.17
CIElCh	46, 56.216, 114.462
Yxy	15.3366, 0.3851, 0.5324
Android (android.graphics.Color)	4284380672 (0xFF5E7600)
YUV	97.3720, -48.0044, -2.9572
Hunter-Lab	39.1619, -17.9645, 23.8169

# Details

The Hex color **5E7600** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **180076**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **94AA3F**, and **2B4600** is the 20% darker color. If you saturate the color by 10%, you get **5E7600**, and if you desaturate by 10%, it is **60760C**.

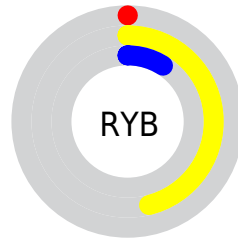
# Distribution



Red (37%)

Green (46%)

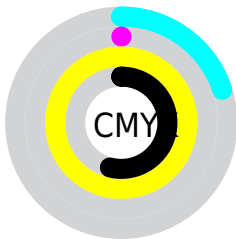
Blue (0%)



Red (0%)

Yellow (46%)

Blue (9%)

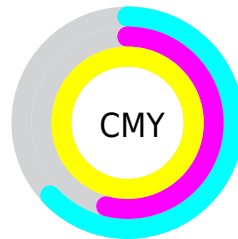


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (63%)

Magenta (54%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E7600 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 5E7600 by changing the saturation by 10% instead.



 5E7600

 5E7600

FFFFFF

 445D00

 94AA3F

 2B4600

 B0C559

 0F2F00

 CCE173

 001C00

 E9FE8E

 000000

 FFFFA9

 FFFFC5

 FFFF E2

 5E7600

 60760C

 637618


 657623

 68762F

 6A763B

 6C7647

 6F7653

 71765E

 74766A

# Harmonies

## Analogous

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



8B6800



5E7600



117E33

# Triad

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



5E7600



007FB9



BC3D78

# Complementary

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



5E7600



180076

# 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.



9D4EA5



5E7600



0075CB

# Square

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



5E7600



008393



5A64C4



BF4149

# Rectangle

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



5E7600



008152



5A64C4



B54188



# Sweetspot

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



5E7600



90996B



761800



474D31



CCCCCC



4D4D4D



# Same Dimension

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



5E7600



7A9900



237600



393B35



627A00



C7FA00



# Inverse Universe

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



180076



1F0099



530076



36353B



19007A



3300FA



# Previews

## White Background



This preview shows how the Hex color 5E7600 looks on a white background.

## Color Contrast Check

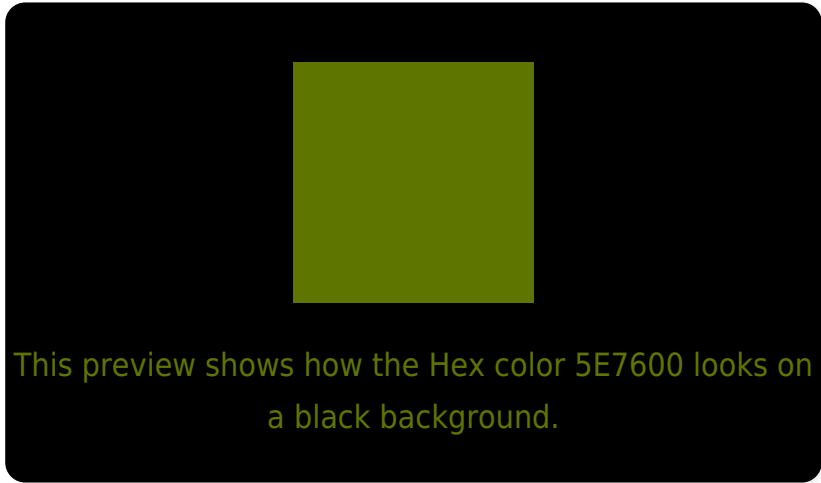
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E7600 Background



This preview shows how black text looks on a background with the Hex color 5E7600.



This preview shows how white text looks on a background with the Hex color 5E7600.

# 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**  
5E7600

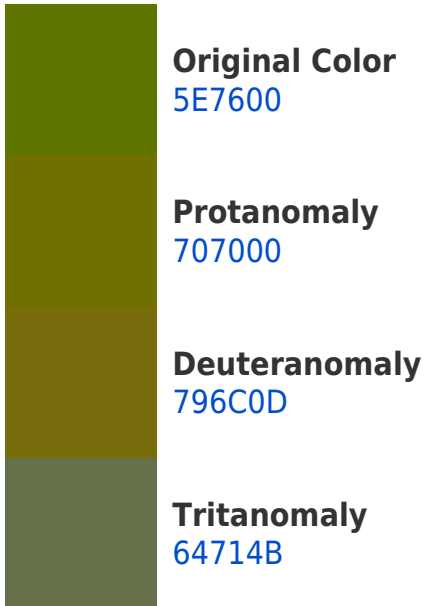
**Protanopia**  
7B6D00

**Deuteranopia**  
896715

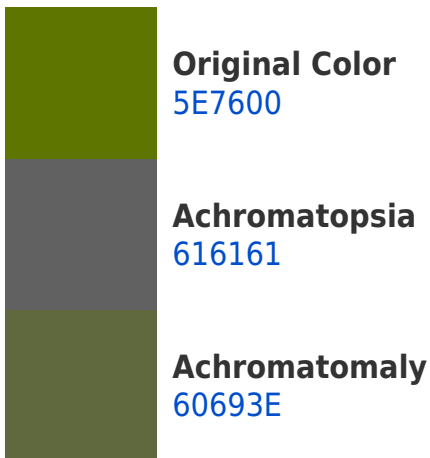


**Tritanopia**  
686E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E7600 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 #5E7600 looks like.

```
.text, #text, p{  
    color:#5E7600  
}
```

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 #5E7600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7600
}
```

## Border

The CSS property to change the border of an element to Hex 5E7600 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
#5E7600 }
```

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

```
.border{ border-color:#5E7600 }
```

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

Here you see how a box with a 4 pixel #5E7600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7600; -webkit-box-shadow:4px 4px  
4px 4px #5E7600; box-shadow:4px 4px 4px  
4px #5E7600 }
```

# Background

The CSS property to change the background color of an element to Hex 5E7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7600 }
```

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

```
.background{ background-color:#5E7600 }
```

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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