

# Converting Colors

Hex(575601)

Have a look what the booklet for  
Hex(575601) contains.

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**Color**

**Hex(575601)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	575601
RGB	87, 86, 1
RGB Percent	34%, 34%, 0%
CMY	0.6588, 0.6627, 0.9961
CMYK	0.00, 0.01, 0.99, 0.66
HSL	59°, 98%, 17%
HSV	59°, 99%, 34%
XYZ	7.2637, 8.6840, 1.3221
YIQ	76.6090, 27.8810, -26.2230

# Conversions

## Conversions Part 2

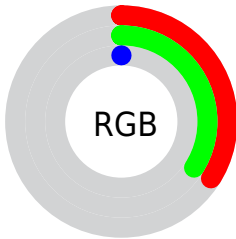
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 87, 1
Decimal	5723649
CIE Lab	35.37, -9.23, 42.60
CIE LCh	35, 43.587, 102.230
Yxy	8.6840, 0.4206, 0.5028
Android (android.graphics.Color)	4283913729 (0xFF575601)
YUV	76.6090, -37.2752, 9.1129
Hunter-Lab	29.4686, -7.5715, 17.9681

# Details

The Hex color **575601** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **010257**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8C8737**, and **252900** is the 20% darker color. If you saturate the color by 10%, you get **575600**, and if you desaturate by 10%, it is **57560A**.

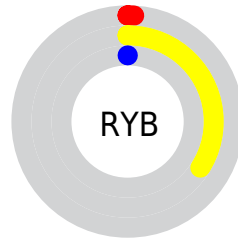
# Distribution



Red (34%)

Green (34%)

Blue (0%)



Red (1%)

Yellow (34%)

Blue (0%)

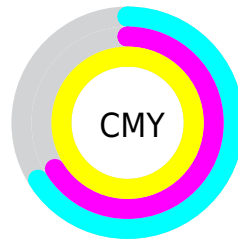


Cyan (0%)

Magenta (1%)

Yellow (99%)

Black (66%)



Cyan (66%)

Magenta (66%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 575601 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 575601 by changing the saturation by 10% instead.



 575601

 575601

 FFFFF3

 3F3F00

 8C8737

 252900

 A7A250

 061600

 C3BD6A

 000000

 E0D884

 FDF59E

 FFFFBA

 FFFF66

 575601

 575601

■ 575600

■ 57560A

■ 575612

■ 57561B

■ 575624

■ 57572D

■ 575735

■ 57573E

■ 575747

■ 57574F

# Harmonies

## Analogous

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



754A09



575601



305E1B

# Triad

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



575601



006281



873469

# Complementary

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



575601



010257

# 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.



674387



575601



005D95

# Square

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



575601



006361



225298



923146

# Rectangle

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



575601



006131



225298



7F3974



# Sweetspot

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



575601



70704F



570102



383824



B8B8B8



383838



# Same Dimension

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



575601



706F00



2D5701



2B2B27



6B6A00



EBE800



# Inverse Universe

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



010257



000170



2B0157



27272B



00016B



0003EB



# Previews

## White Background



This preview shows how the Hex color 575601 looks on a white background.

## Color Contrast Check

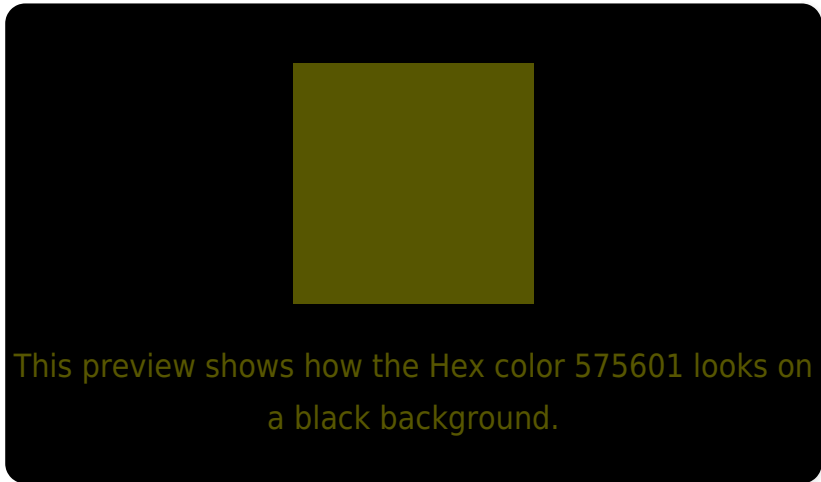
Large Text (above 18pt) WCAG AA ✓ Pass

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

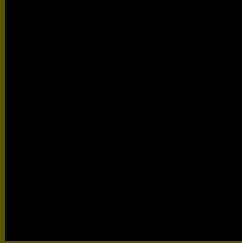
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 575601 Background



This preview shows how black text looks on a background with the Hex color 575601.



This preview shows how white text looks on a background with the Hex color 575601.

# 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**  
575601

**Deuteranopia**  
694F0D

**Tritanopia**  
5D5056

# Trichromacy



**Original Color**  
575601

**Deuteranomaly**  
625209

**Tritanomaly**  
5B5237

# Monochromacy



**Original Color**  
575601

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
515031

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 575601 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 #575601 looks like.

```
.text, #text, p{  
    color:#575601  
}
```

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 #575601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575601
}
```

## Border

The CSS property to change the border of an element to Hex 575601 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
#575601 }
```

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

```
.border{ border-color:#575601 }
```

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

Here you see how a box with a 4 pixel #575601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575601; -webkit-box-shadow:4px 4px  
4px 4px #575601; box-shadow:4px 4px 4px  
4px #575601 }
```

# Background

The CSS property to change the background color of an element to Hex 575601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575601 }
```

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

```
.background{ background-color:#575601 }
```

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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