

# Converting Colors

Hex(759053)

Have a look what the booklet for  
Hex(759053) contains.

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**Color**

**Hex(759053)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	759053
RGB	117, 144, 83
RGB Percent	46%, 56%, 33%
CMY	0.5412, 0.4353, 0.6745
CMYK	0.19, 0.00, 0.42, 0.44
HSL	87°, 27%, 45%
HSV	87°, 42%, 56%
XYZ	18.8707, 24.3530, 11.8896
YIQ	128.9730, 3.4890, -24.6950

# Conversions

## Conversions Part 2

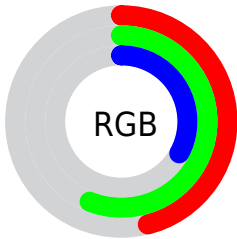
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 144, 110
Decimal	7704659
CIELab	56.44, -20.55, 29.30
CIELCh	56, 35.789, 125.044
Yxy	24.3530, 0.3424, 0.4419
Android (android.graphics.Color)	4285894739 (0xFF759053)
YUV	128.9730, -22.6647, -10.5003
Hunter-Lab	49.3487, -18.1027, 20.2593

# Details

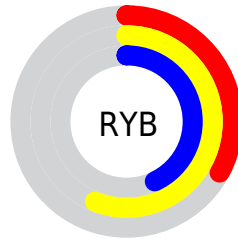
The Hex color **759053** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6E5390**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **AAC685**, and **435D24** is the 20% darker color. If you saturate the color by 10%, you get **6F9045**, and if you desaturate by 10%, it is **7B9061**.

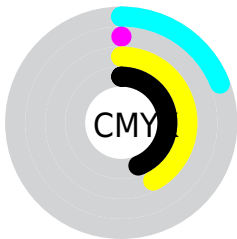
# Distribution



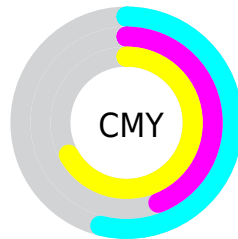
- Red (46%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (43%)



- Cyan (19%)
- Magenta (0%)
- Yellow (42%)
- Black (44%)



- Cyan (54%)
- Magenta (44%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759053 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 759053 by changing the saturation by 10% instead.



 759053

 759053

FFFFFF

 5C763B

 AAC685

 435D24

 C6E2A0

 2B460D

 E2FFBB

 162F00

 FFFFD7

 001C00

 FFFFF4

 000000

 759053

 759053

 6F9045

 7B9061

 689036

 829070

■ 629028

■ 88907E

■ 5C9019

■ 8E908D

■ 55900B

■ 95909B

■ 509000

■ 9B90A9

■ A290B8

■ A890C6

■ AE90D5

# Harmonies

## Analogous

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



968748



759053



4E966C

# Triad

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



759053



1592BF



C26E83

# Complementary

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



759053



6E5390

# 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.



B373A2



759053



6089C5

# Square

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



759053



0097AA



917DBA



C17265

# Rectangle

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



759053



2B9781



917DBA



BF6F8E



# Sweetspot

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



759053



AFBAA2



906D53



585E4F



DEDEDE



5E5E5E



# Same Dimension

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



759053



90BA5B



579053



444740



4B8700



040800



# Inverse Universe

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



6E5390



855BBA



8C5390



434047



3C0087



030008



# Previews

## White Background



This preview shows how the Hex color 759053 looks on a white background.

## Color Contrast Check

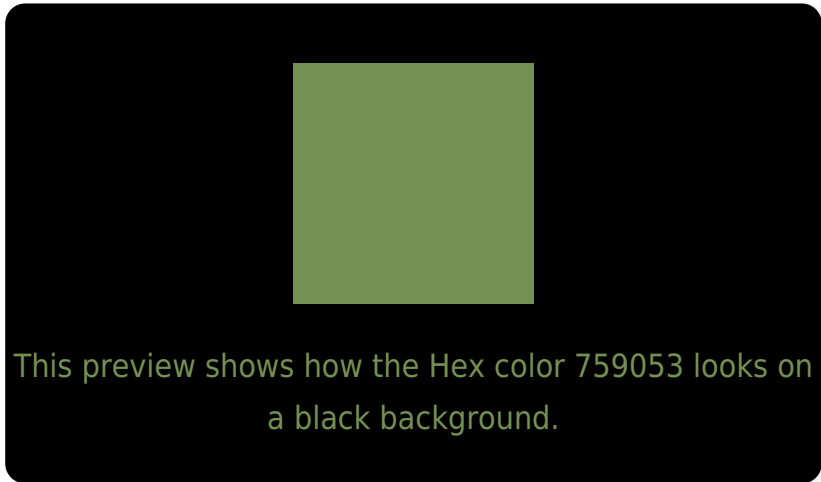
Large Text (above 18pt) WCAG AA ✓ Pass

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

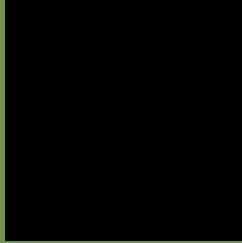
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 759053 Background



This preview shows how black text looks on a background with the Hex color 759053.



This preview shows how white text looks on a background with the Hex color 759053.

# 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**  
7E8893

# Trichromacy



**Original Color**  
759053

**Protanomaly**  
898A51

**Deuteranomaly**  
928655

**Tritanomaly**  
7B8B7C

# Monochromacy



**Original Color**  
759053

**Achromatopsia**  
818181

**Achromatomaly**  
7D8670

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759053 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 #759053 looks like.

```
.text, #text, p{  
    color:#759053  
}
```

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 #759053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759053
}
```

## Border

The CSS property to change the border of an element to Hex 759053 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
#759053 }
```

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

```
.border{ border-color:#759053 }
```

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

Here you see how a box with a 4 pixel #759053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759053; -webkit-box-shadow:4px 4px  
4px 4px #759053; box-shadow:4px 4px 4px  
4px #759053 }
```

# Background

The CSS property to change the background color of an element to Hex 759053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759053 }
```

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

```
.background{ background-color:#759053 }
```

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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