

# Converting Colors

Hex(686155)

Have a look what the booklet for  
Hex(686155) contains.

<b>Hex(686155)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(686155)**

# Conversions

## Conversions Part 1

Format	Color
Hex	686155
RGB	104, 97, 85
RGB Percent	41%, 38%, 33%
CMY	0.5922, 0.6196, 0.6667
CMYK	0.00, 0.07, 0.18, 0.59
HSL	38°, 10%, 37%
HSV	38°, 18%, 41%
XYZ	11.6233, 12.1483, 10.3266
YIQ	97.7250, 8.0240, -2.2480

# Conversions

## Conversions Part 2

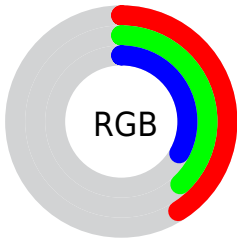
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 104, 85
Decimal	6840661
CIE Lab	41.45, 0.55, 7.85
CIE LCh	41, 7.865, 86.012
Yxy	12.1483, 0.3409, 0.3563
Android (android.graphics.Color)	4285030741 (0xFF686155)
YUV	97.7250, -6.2734, 5.5032
Hunter-Lab	34.8544, -1.4689, 6.8318

# Details

The Hex color **686155** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **555C68**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9B9487**, and **393328** is the 20% darker color. If you saturate the color by 10%, you get **685D4B**, and if you desaturate by 10%, it is **68655F**.

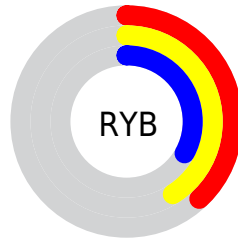
# Distribution



 Red (41%)

 Green (38%)

 Blue (33%)



 Red (38%)

 Yellow (41%)

 Blue (33%)

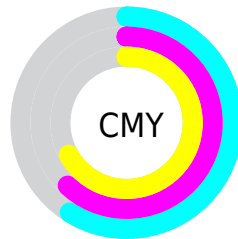


 Cyan (0%)

 Magenta (7%)

 Yellow (18%)

 Black (59%)



 Cyan (59%)

 Magenta (62%)

 Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 686155 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 686155 by changing the saturation by 10% instead.





686155



686155

FFFFFF



50493E



9B9487



393328



B6AEA1



231E14



D2C9BC



0A0500



EEE6D8



000000



FFFFF4



686155



686155



685D4B



68655F



685940



68696A

■ 685636

■ 686C74

■ 68522B

■ 68707F

■ 684E21

■ 687489

■ 684A17

■ 687893

■ 68460C

■ 687C9E

■ 684202

■ 6880A8

■ 684200

■ 6883B3

# Harmonies

## Analogous

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



6D5F57



686155



616356

# Triad

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



686155



516567



695F69

# Complementary

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



686155



555C68

# 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.



62606D



686155



54646C

# Square

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



686155



546661



5A636E



6E5D63

# Rectangle

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



686155



5C6459



5A636E



675F6B



# Sweetspot

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



686155



878580



68555C



454341



C4C4C4



454545



# Same Dimension

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



686155



877C69



666855



33312E



734800



F29900



# Inverse Universe

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



555C68



697487



575568



2E3033



002A73



0059F2



# Previews

## White Background



This preview shows how the Hex color 686155 looks on a white background.

## Color Contrast Check

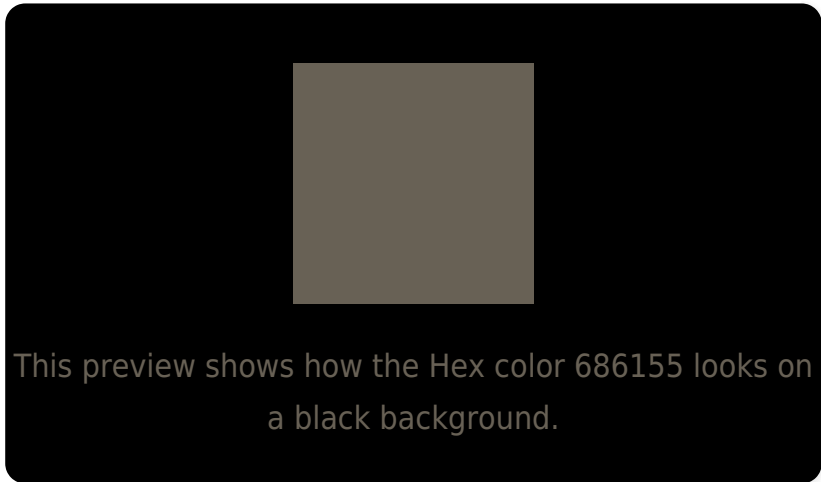
Large Text (above 18pt) WCAG AA ✓ Pass

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

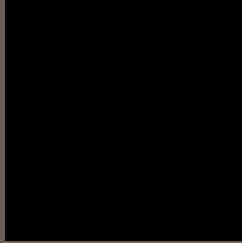
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 686155 Background



This preview shows how black text looks on a background with the Hex color 686155.



This preview shows how white text looks on a background with the Hex color 686155.

# 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**

686155

**Protanopia**

666255

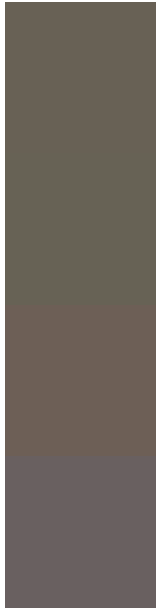
**Deuteranopia**

705E56



**Tritanopia**  
6A5F66

# Trichromacy



**Original Color**  
686155

**Protanomaly**  
676255

**Deuteranomaly**  
6D5F56

**Tritanomaly**  
696060

# Monochromacy



**Original Color**  
686155

**Achromatopsia**  
626262

**Achromatomaly**  
64625D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 686155 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 #686155 looks like.

```
.text, #text, p{  
    color:#686155  
}
```

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 #686155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686155
}
```

## Border

The CSS property to change the border of an element to Hex 686155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

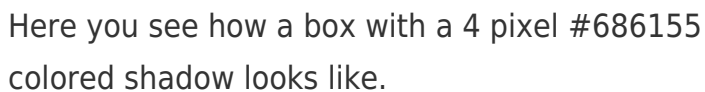
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686155 }
```

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

```
.border{ border-color:#686155 }
```

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



Here you see how a box with a 4 pixel #686155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686155; -webkit-box-shadow:4px 4px  
4px 4px #686155; box-shadow:4px 4px 4px  
4px #686155 }
```

# Background

The CSS property to change the background color of an element to Hex 686155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686155 }
```

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

```
.background{ background-color:#686155 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor