

# Converting Colors

Hex(654661)

Have a look what the booklet for  
Hex(654661) contains.

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# Color

**Hex(654661)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	654661
RGB	101, 70, 97
RGB Percent	40%, 27%, 38%
CMY	0.6039, 0.7255, 0.6196
CMYK	0.00, 0.31, 0.04, 0.60
HSL	308°, 18%, 34%
HSV	308°, 31%, 40%
XYZ	9.7147, 8.0101, 12.3433
YIQ	82.3470, 9.8090, 14.9690

# Conversions

## Conversions Part 2

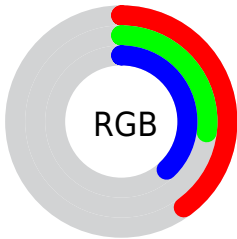
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 70, 97
Decimal	6637153
CIE <sub>Lab</sub>	34.00, 18.24, -10.58
CIE <sub>LCh</sub>	34, 21.089, 329.883
Yxy	8.0101, 0.3231, 0.2664
Android (android.graphics.Color)	4284827233 (0xFF654661)
YUV	82.3470, 7.2239, 16.3587
Hunter-Lab	28.3021, 11.7412, -6.0466

# Details

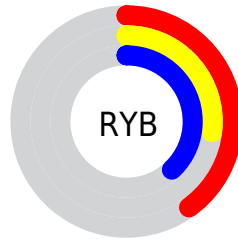
The Hex color **654661** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46654A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **987794**, and **351A33** is the 20% darker color. If you saturate the color by 10%, you get **653C60**, and if you desaturate by 10%, it is **655062**.

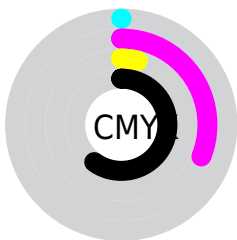
# Distribution



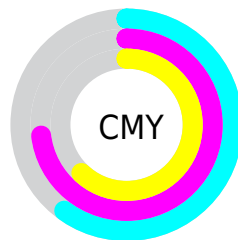
- Red (40%)
- Green (27%)
- Blue (38%)



- Red (40%)
- Yellow (27%)
- Blue (38%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (60%)



- Cyan (60%)
- Magenta (73%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 654661 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 654661 by changing the saturation by 10% instead.



654661

654661

FFFFFF

4D2F49

987794

351A33

B391AE

21011E

CFABCA

000001

EBC7E6

000000

FFE3FF

654661

654661

653C60

655062

65325E

655A64

65285D

656465

651E5C

656E66

65145A

657968

650959

658369

650058

658D6A

65976B

65A16D

# Harmonies

## Analogous

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



524C6D



654661



6F4351

# Triad

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



654661



5B4F2E



0E5960

# Complementary

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



654661



46654A

# 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.



20594F



654661



4A5432

# Square

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



654661



694934



36573F



1C566C

# Rectangle

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



654661



714445



36573F



13595B



# Sweetspot

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



654661



827681



4A4665



423B41



C2C2C2



424242



# Same Dimension

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



654661



82527C



654652



332E32



730064



F200D3



# Inverse Universe

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



654661



82527C



466559



332E32



730064

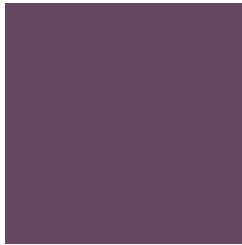


F200D3



# Previews

## White Background



This preview shows how the Hex color 654661 looks on a white background.

## Color Contrast Check

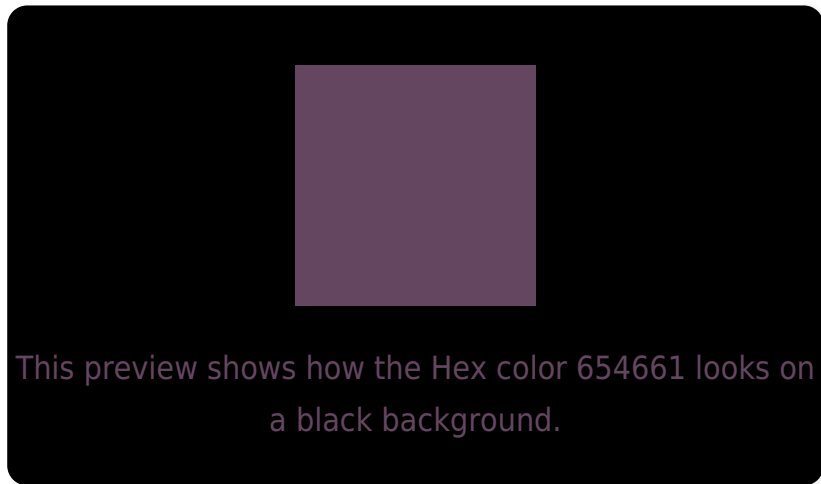
Large Text (above 18pt) WCAG AA ✓ Pass

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

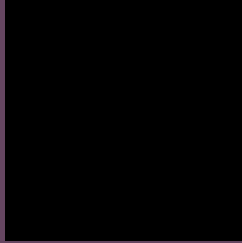
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 654661 Background



This preview shows how black text looks on a background with the Hex color 654661.



This preview shows how white text looks on a background with the Hex color 654661.

# 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**  
654661

**Protanopia**  
4A4F68

**Deuteranopia**  
514E5F



**Tritanopia**  
63494F

# Trichromacy



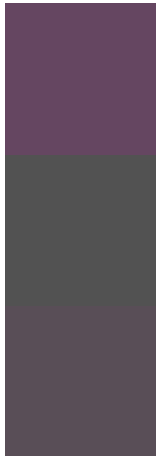
**Original Color**  
654661

**Protanomaly**  
544C65

**Deuteranomaly**  
584B60

**Tritanomaly**  
644856

# Monochromacy



**Original Color**  
654661

**Achromatopsia**  
525252

**Achromatomaly**  
594E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 654661 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 #654661 looks like.

```
.text, #text, p{  
    color:#654661  
}
```

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 #654661 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #654661
}
```

## Border

The CSS property to change the border of an element to Hex 654661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

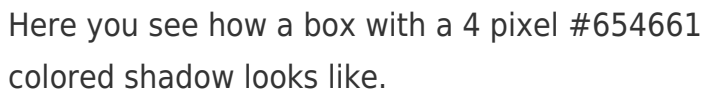
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#654661 }
```

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

```
.border{ border-color:#654661 }
```

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



Here you see how a box with a 4 pixel #654661 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #654661; -webkit-box-shadow:4px 4px  
4px 4px #654661; box-shadow:4px 4px 4px  
4px #654661 }
```

# Background

The CSS property to change the background color of an element to Hex 654661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#654661 }
```

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

```
.background{ background-color:#654661 }
```

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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