

# Converting Colors

Hex(653560)

Have a look what the booklet for  
Hex(653560) contains.

<b>Hex(653560)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(653560)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	653560
RGB	101, 53, 96
RGB Percent	40%, 21%, 38%
CMY	0.6039, 0.7922, 0.6235
CMYK	0.00, 0.48, 0.05, 0.60
HSL	306°, 31%, 30%
HSV	306°, 48%, 40%
XYZ	8.7513, 6.1574, 11.7936
YIQ	72.2540, 14.8050, 23.5490

# Conversions

## Conversions Part 2

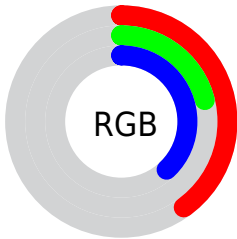
Format	Color
R <sub>Y</sub> B	101, 53, 96
Decimal	6632800
CIE Lab	29.81, 28.34, -16.36
CIE LCh	30, 32.720, 330.000
Yxy	6.1574, 0.3277, 0.2306
Android (android.graphics.Color)	4284822880 (0xFF653560)
YUV	72.2540, 11.7068, 25.2102
Hunter-Lab	24.8142, 19.5270, -10.8092

# Details

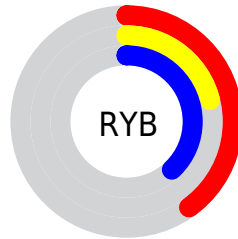
The Hex color **653560** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **35653A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **996593**, and **340632** is the 20% darker color. If you saturate the color by 10%, you get **652B5F**, and if you desaturate by 10%, it is **653F61**.

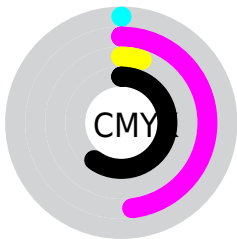
# Distribution



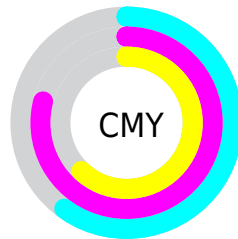
- Red (40%)
- Green (21%)
- Blue (38%)



- Red (40%)
- Yellow (21%)
- Blue (38%)



- Cyan (0%)
- Magenta (48%)
- Yellow (5%)
- Black (60%)



- Cyan (60%)
- Magenta (79%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 653560 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 653560 by changing the saturation by 10% instead.



 653560

 653560

FFFFFF

 4C1E48

 996593

 340632

 B47FAD

 22001D

 D099C9

 000000

 EDB4E5

 FFD0FF

 FFECFF

 653560

 653560

 652B5F

 653F61

65215E

654962

65175D

655363

650D5C

655D64

65035B

656865

65005A

657266

657C67

658668

659069

# Harmonies

## Analogous

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



473F72



653560



732F47

# Triad

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



653560



54450F



00525F

# Complementary

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



653560



35653A

# 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.



005245



653560



3A4C17

# Square

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



653560



683B1A



16512C



004F72

# Rectangle

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



653560



753036



16512C



005357



# Sweetspot

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



653560



827080



3A3565



423741



C2C2C2



424242



# Same Dimension

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



653560



82387A



653548



332E32



730067



F200D9



# Inverse Universe

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



653560



82387A



356552



332E32



730067

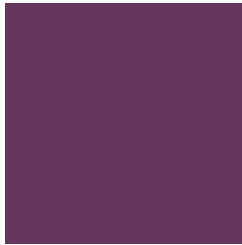


F200D9



# Previews

## White Background



This preview shows how the Hex color 653560 looks on a white background.

## Color Contrast Check

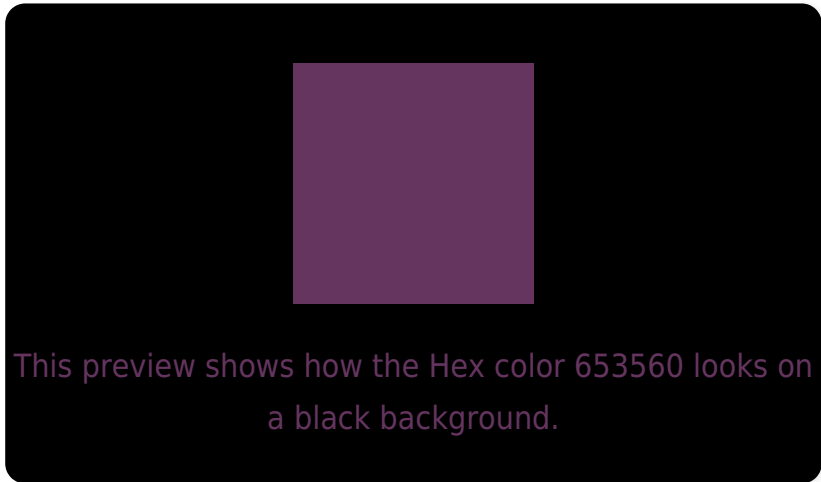
Large Text (above 18pt) WCAG AA ✓ Pass

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

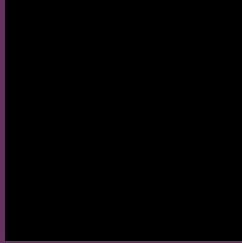
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 653560 Background



This preview shows how black text looks on a background with the Hex color 653560.



This preview shows how white text looks on a background with the Hex color 653560.

# 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**  
653560

**Protanopia**  
38456D

**Deuteranopia**  
41465D



**Tritanopia**  
613C41

# Trichromacy



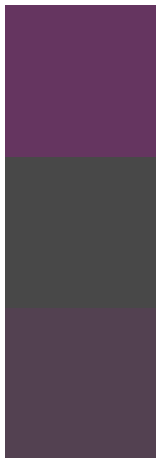
**Original Color**  
653560

**Protanomaly**  
483F68

**Deuteranomaly**  
4E405E

**Tritanomaly**  
62394C

# Monochromacy



**Original Color**  
653560

**Achromatopsia**  
484848

**Achromatomaly**  
534151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 653560 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 #653560 looks like.

```
.text, #text, p{  
    color:#653560  
}
```

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 #653560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653560
}
```

## Border

The CSS property to change the border of an element to Hex 653560 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
#653560 }
```

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

```
.border{ border-color:#653560 }
```

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

Here you see how a box with a 4 pixel #653560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653560; -webkit-box-shadow:4px 4px  
4px 4px #653560; box-shadow:4px 4px 4px  
4px #653560 }
```

# Background

The CSS property to change the background color of an element to Hex 653560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653560 }
```

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

```
.background{ background-color:#653560 }
```

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