

# Converting Colors

Hex(65353A)

Have a look what the booklet for  
Hex(65353A) contains.

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**Color**

**Hex(65353A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65353A
RGB	101, 53, 58
RGB Percent	40%, 21%, 23%
CMY	0.6039, 0.7922, 0.7725
CMYK	0.00, 0.48, 0.43, 0.60
HSL	354°, 31%, 30%
HSV	354°, 48%, 40%
XYZ	7.4037, 5.6184, 4.6972
YIQ	67.9220, 27.0030, 11.7310

# Conversions

## Conversions Part 2

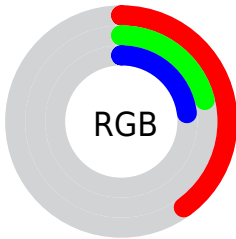
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 53, 58
Decimal	6632762
CIE <sub>Lab</sub>	28.43, 22.03, 6.46
CIE <sub>LCh</sub>	28, 22.961, 16.333
Yxy	5.6184, 0.4178, 0.3171
Android (android.graphics.Color)	4284822842 (0xFF65353A)
YUV	67.9220, -4.8915, 29.0094
Hunter-Lab	23.7032, 14.2737, 4.8428

# Details

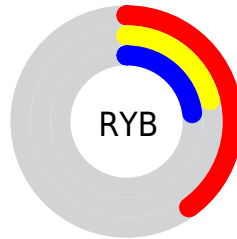
The Hex color **65353A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **356560**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9A6569**, and **33080F** is the 20% darker color. If you saturate the color by 10%, you get **652B31**, and if you desaturate by 10%, it is **653F43**.

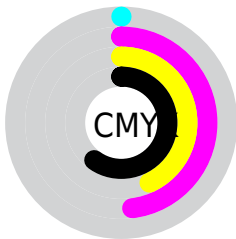
# Distribution



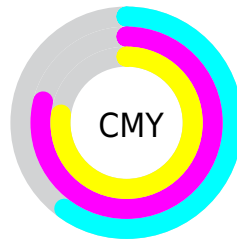
- Red (40%)
- Green (21%)
- Blue (23%)



- Red (40%)
- Yellow (21%)
- Blue (23%)



- Cyan (0%)
- Magenta (48%)
- Yellow (43%)
- Black (60%)



- Cyan (60%)
- Magenta (79%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65353A 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 65353A by changing the saturation by 10% instead.



 65353A

 65353A

FFFFFF

 4C1F24

 9A6569

 33080F

 B57E82

 1D0001

 D2989C

 000000

 EEB3B7

 FFCFD3

 FFEBEF

 65353A

 65353A

 652B31

 653F43

652128

65494C

65171F

655355

650D16

655D5E

65030D

656867

65000B

657270

657C79

658682

65908B

# Harmonies

## Analogous

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



60364C



65353A



61392A

# Triad

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



65353A



31492A



134765

# Complementary

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



65353A



356560

# 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.



004B5C



65353A



174C3A

# Square

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



65353A



454520



004C4C



384165

# Rectangle

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



65353A



5A3D23



004C4C



004963



# Sweetspot

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



65353A



827072



5F3565



423738



C2C2C2



424242



# Same Dimension

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



65353A



823840



654735



332E2E



73000C



F20019



# Inverse Universe

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



65353A



823840



355365



332E2E



73000C

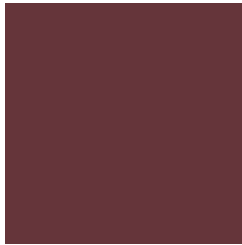


F20019



# Previews

## White Background



This preview shows how the Hex color 65353A looks on a white background.

## Color Contrast Check

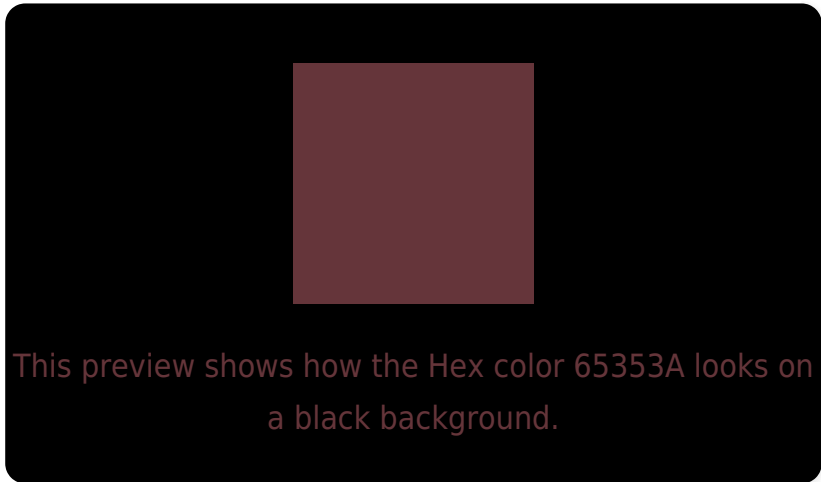
Large Text (above 18pt) WCAG AA ✓ Pass

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

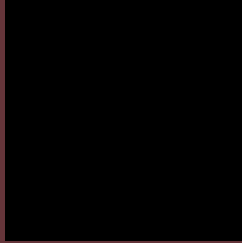
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65353A Background



This preview shows how black text looks on a background with the Hex color 65353A.

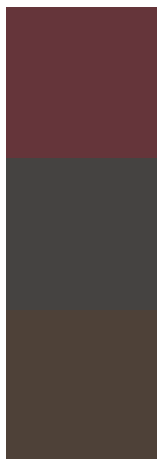


This preview shows how white text looks on a background with the Hex color 65353A.

# 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**  
65353A

**Protanopia**  
454341

**Deuteranopia**  
4E4138



**Tritanopia**  
653539

# Trichromacy



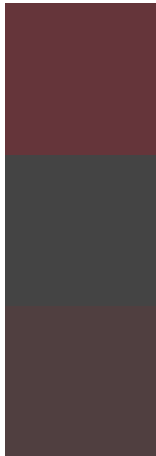
**Original Color**  
65353A

**Protanomaly**  
513E3E

**Deuteranomaly**  
563D39

**Tritanomaly**  
653539

# Monochromacy



**Original Color**  
65353A

**Achromatopsia**  
444444

**Achromatomaly**  
503F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65353A 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 #65353A looks like.

```
.text, #text, p{  
    color:#65353A  
}
```

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 #65353A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65353A
}
```

## Border

The CSS property to change the border of an element to Hex 65353A 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
#65353A }
```

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

```
.border{ border-color:#65353A }
```

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

Here you see how a box with a 4 pixel #65353A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65353A; -webkit-box-shadow:4px 4px  
4px 4px #65353A; box-shadow:4px 4px 4px  
4px #65353A }
```

# Background

The CSS property to change the background color of an element to Hex 65353A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65353A }
```

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

```
.background{ background-color:#65353A }
```

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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