

# Converting Colors

Hex(59484D)

Have a look what the booklet for  
Hex(59484D) contains.

<b>Hex(59484D)</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(59484D)

# Conversions

## Conversions Part 1

Format	Color
Hex	59484D
RGB	89, 72, 77
RGB Percent	35%, 28%, 30%
CMY	0.6510, 0.7176, 0.6980
CMYK	0.00, 0.19, 0.13, 0.65
HSL	342°, 11%, 32%
HSV	342°, 19%, 35%
XYZ	7.7767, 7.2944, 8.0193
YIQ	77.6530, 8.5270, 5.1590

# Conversions

## Conversions Part 2

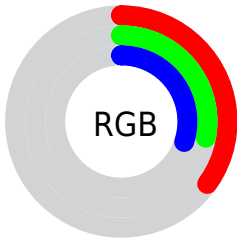
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 72, 77
Decimal	5851213
CIELab	32.47, 8.15, -0.27
CIELCh	32, 8.156, 358.111
Yxy	7.2944, 0.3368, 0.3159
Android (android.graphics.Color)	4284041293 (0xFF59484D)
YUV	77.6530, -0.3219, 9.9513
Hunter-Lab	27.0081, 4.1332, 1.3013

# Details

The Hex color **59484D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **485954**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8B797E**, and **2B1C21** is the 20% darker color. If you saturate the color by 10%, you get **593F47**, and if you desaturate by 10%, it is **595153**.

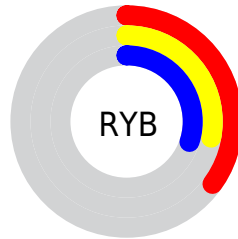
# Distribution



Red (35%)

Green (28%)

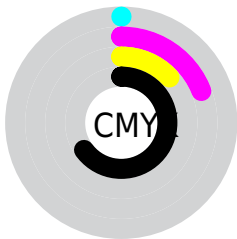
Blue (30%)



Red (35%)

Yellow (28%)

Blue (30%)

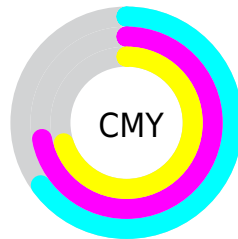


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (65%)



Cyan (65%)

Magenta (72%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59484D 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 59484D by changing the saturation by 10% instead.



■ 59484D

■ 59484D

FFFFFF

■ 413136

■ 8B797E

■ 2B1C21

■ A69298

■ 18030A

■ C1ADB2

■ 000000

■ DDC8CE

■ F9E4EA

■ 59484D

■ 59484D

■ 593F47

■ 595153

■ 593640

■ 595A5A

■ 592D3A

■ 596360

■ 592434

■ 596C66

■ 591C2E

■ 59756C

■ 591327

■ 597D73

■ 590A21

■ 598679

■ 59011B

■ 598F7F

■ 59001A

■ 599886

# Harmonies

## Analogous

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



544953



59484D



5A4847

# Triad

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



59484D



4B4E41



3E4F57

# Complementary

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



59484D



485954

# 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.



3C5052



59484D



444F45

# Square

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



59484D



524C40



3E504C



454D59

# Rectangle

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



59484D



594943



3E504C



3D4F56



# Sweetspot

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



59484D



736C6E



544859



3B3738



BABABA



3B3B3B



# Same Dimension

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



59484D



735860



594B48



2B2728



6B001F



EB0045



# Inverse Universe

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



59484D



735860



485659



2B2728



6B0020



EB0045



# Previews

## White Background



This preview shows how the Hex color 59484D looks on a white background.

## Color Contrast Check

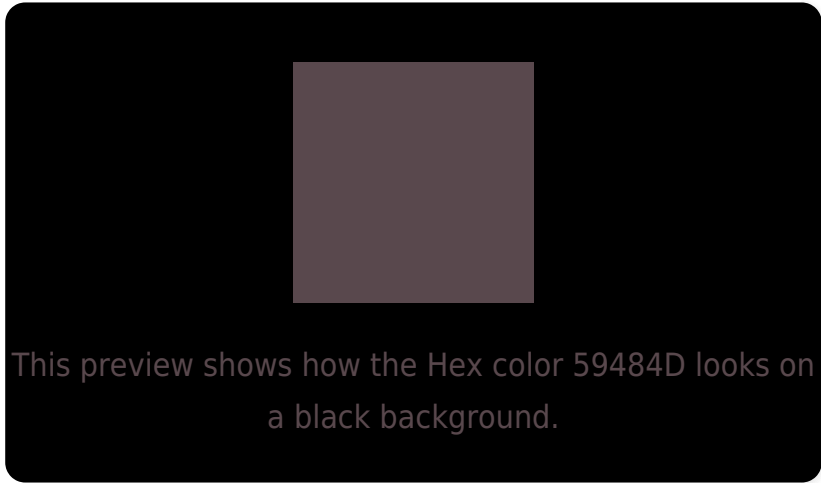
Large Text (above 18pt) WCAG AA ✓ Pass

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

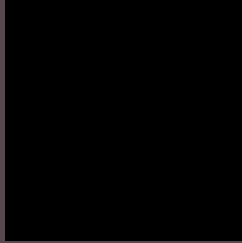
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 59484D Background



This preview shows how black text looks on a background with the Hex color 59484D.

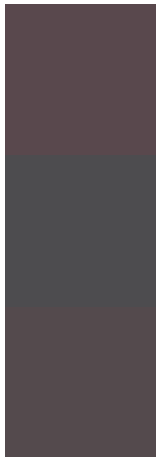


This preview shows how white text looks on a background with the Hex color 59484D.

# 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**  
59484D

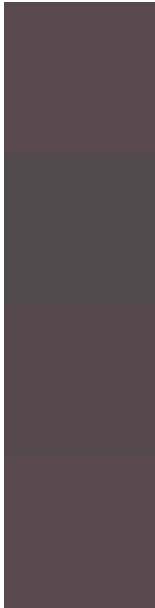
**Protanopia**  
4D4C4F

**Deuteranopia**  
544A4D



**Tritanopia**  
59484E

# Trichromacy



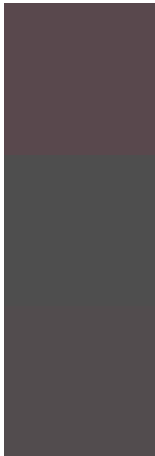
**Original Color**  
59484D

**Protanomaly**  
514B4E

**Deuteranomaly**  
56494D

**Tritanomaly**  
59484E

# Monochromacy



**Original Color**  
59484D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
524C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59484D 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 #59484D looks like.

```
.text, #text, p{  
    color:#59484D  
}
```

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 #59484D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59484D
}
```

## Border

The CSS property to change the border of an element to Hex 59484D 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".

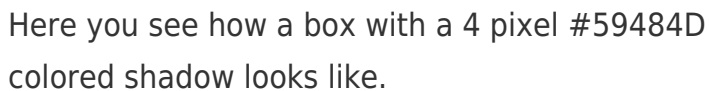
```
.border, #border, table{ border:4px solid
#59484D }
```

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

```
.border{ border-color:#59484D }
```

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

Here you see how a box with a 4 pixel #59484D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59484D; -webkit-box-shadow:4px 4px  
4px 4px #59484D; box-shadow:4px 4px 4px  
4px #59484D }
```

# Background

The CSS property to change the background color of an element to Hex 59484D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59484D }
```

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

```
.background{ background-color:#59484D }
```

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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