

# Converting Colors

Hex(52585D)

Have a look what the booklet for  
Hex(52585D) contains.

<b>Hex(52585D)</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(52585D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	52585D
RGB	82, 88, 93
RGB Percent	32%, 35%, 36%
CMY	0.6784, 0.6549, 0.6353
CMYK	0.12, 0.05, 0.00, 0.64
HSL	207°, 6%, 34%
HSV	207°, 12%, 36%
XYZ	8.9452, 9.5636, 11.7304
YIQ	86.7760, -5.1810, 0.2830

# Conversions

## Conversions Part 2

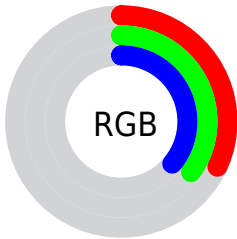
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 86, 93
Decimal	5396573
CIE Lab	37.05, -1.22, -3.70
CIE LCh	37, 3.900, 251.772
Yxy	9.5636, 0.2958, 0.3163
Android (android.graphics.Color)	4283586653 (0xFF52585D)
YUV	86.7760, 3.0684, -4.1886
Hunter-Lab	30.9251, -2.4871, -0.8422

# Details

The Hex color **52585D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D5752**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **838A8F**, and **252B2F** is the 20% darker color. If you saturate the color by 10%, you get **49545D**, and if you desaturate by 10%, it is **5B5C5D**.

# Distribution



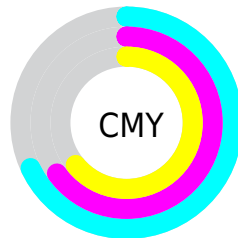
- Red (32%)
- Green (35%)
- Blue (36%)



- Red (32%)
- Yellow (34%)
- Blue (36%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (64%)



- Cyan (68%)
- Magenta (65%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52585D 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 52585D by changing the saturation by 10% instead.





52585D



52585D

FFFFFF



3B4145



838A8F



252B2F



9EA4AA



11161A



B8BFC5



000000



D4DBE1



F0F8FE



52585D



52585D



49545D



5B5C5D



3F505D



65605D

■ 364B5D

■ 6E655D

■ 2D475D

■ 77695D

■ 24435D

■ 816D5D

■ 1A3F5D

■ 8A715D

■ 113A5D

■ 93765D

■ 08365D

■ 9C7A5D

■ 00335D

■ A67E5D

# Harmonies

## Analogous

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



50595B



52585D



55575D

# Triad

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



52585D



5E5556



555852

# Complementary

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



52585D



5D5752

# 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.



595751



52585D



5E5553

# Square

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



52585D



5C5559



5C5651



525955

# Rectangle

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



52585D



58565C



5C5651



565852



# Sweetspot

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



52585D



737678



525D57



3A3C3D



BDBDBD



3D3D3D



# Same Dimension

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



52585D



677078



52535D



292C2E



003C6E



0081ED



# Inverse Universe

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



5D5258



786770



5D5C52



2E292C



6E003C

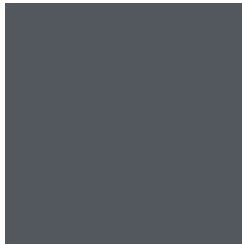


ED0081



# Previews

## White Background



This preview shows how the Hex color 52585D looks on a white background.

## Color Contrast Check

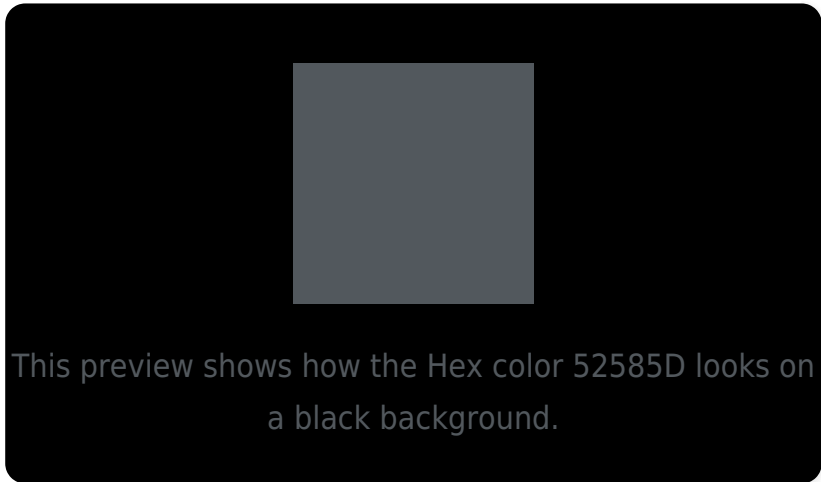
Large Text (above 18pt) WCAG AA ✓ Pass

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

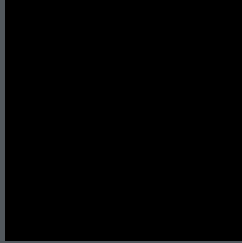
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

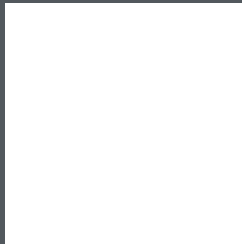
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52585D Background



This preview shows how black text looks on a background with the Hex color 52585D.

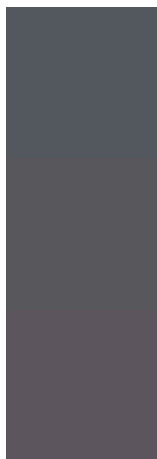


This preview shows how white text looks on a background with the Hex color 52585D.

# 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**  
52585D

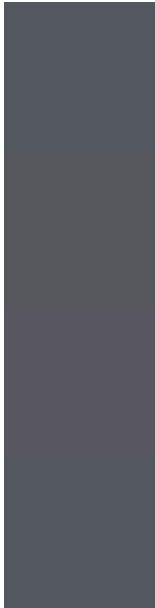
**Protanopia**  
57575C

**Deuteranopia**  
5C555E



**Tritanopia**  
52585F

# Trichromacy



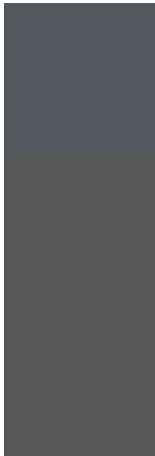
**Original Color**  
52585D

**Protanomaly**  
55575C

**Deuteranomaly**  
58565E

**Tritanomaly**  
52585E

# Monochromacy



**Original Color**  
52585D

**Achromatopsia**  
575757

**Achromatomaly**  
555759

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52585D 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 #52585D looks like.

```
.text, #text, p{  
    color:#52585D  
}
```

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 #52585D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52585D
}
```

## Border

The CSS property to change the border of an element to Hex 52585D is called "border". The border property can be set on classes, ids or directly on the HTML element.

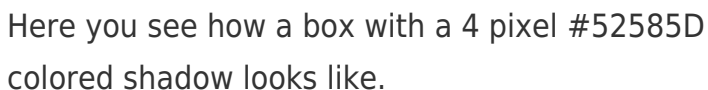
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52585D }
```

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

```
.border{ border-color:#52585D }
```

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



Here you see how a box with a 4 pixel #52585D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52585D; -webkit-box-shadow:4px 4px  
4px 4px #52585D; box-shadow:4px 4px 4px  
4px #52585D }
```

# Background

The CSS property to change the background color of an element to Hex 52585D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52585D }
```

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

```
.background{ background-color:#52585D }
```

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