

Converting Colors

Hex(565758)

Have a look what the booklet for
Hex(565758) contains.

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Color

Hex(565758)

Conversions

Conversions Part 1

Format	Color
Hex	565758
RGB	86, 87, 88
RGB Percent	34%, 34%, 35%
CMY	0.6627, 0.6588, 0.6549
CMYK	0.02, 0.01, 0.00, 0.65
HSL	210°, 1%, 34%
HSV	210°, 2%, 35%
XYZ	9.0074, 9.4994, 10.5913
YIQ	86.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

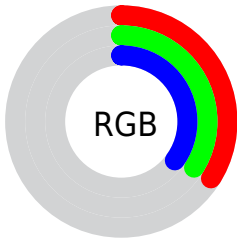
Format	Color
R_{YB}	86, 87, 88
Decimal	5658456
CIE _{Lab}	36.93, -0.18, -0.72
CIE _{LCh}	37, 0.746, 255.945
Yxy	9.4994, 0.3096, 0.3265
Android (android.graphics.Color)	4283848536 (0xFF565758)
YUV	86.8150, 0.5842, -0.7148
Hunter-Lab	30.8211, -1.7707, 1.2004

Details

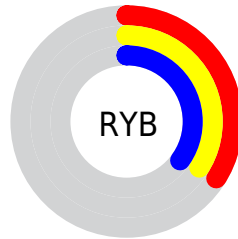
The Hex color **565758** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **585756**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **88898A**, and **292A2B** is the 20% darker color. If you saturate the color by 10%, you get **4D5358**, and if you desaturate by 10%, it is **5F5B58**.

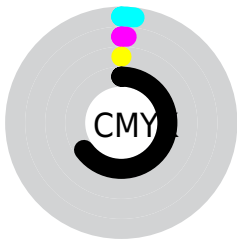
Distribution



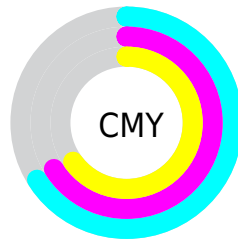
- Red (34%)
- Green (34%)
- Blue (35%)



- Red (34%)
- Yellow (34%)
- Blue (35%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (65%)



- Cyan (66%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565758 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 565758 by changing the saturation by 10% instead.

■ 565758

■ 565758

FFFFFF

■ 3F4041

■ 88898A

■ 292A2B

■ A2A3A4

■ 151516

■ BDBEBF

■ 000000

■ D9DADB

■ F5F6F7

■ 565758

■ 565758

■ 4D5358

■ 5F5B58

■ 444E58

■ 686058

■ 3C4A58

■ 706458

■ 334558

■ 796958

■ 2A4158

■ 826D58

■ 213D58

■ 8B7158

■ 183858

■ 947658

■ 103458

■ 9C7A58

■ 072F58

■ A57F58

Harmonies

Analogous

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



565758



575758

Triad

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



565758



585657



565756

Complementary

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



565758



585756

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.



575756



565758



585756

Square

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



565758



585757



585756



565757

Rectangle

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



565758



575758



585756



575756

Sweetspot

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



565758



727273



565857



3A3A3B



BABABA



3B3B3B

Same Dimension

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



565758



6F7173



565658



2A2A2B



00366B



0075EB

Inverse Universe

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



585657



736F71



585856



2B2A2A



6B0036



EB0075

Previews

White Background



This preview shows how the Hex color 565758 looks on a white background.

Color Contrast Check

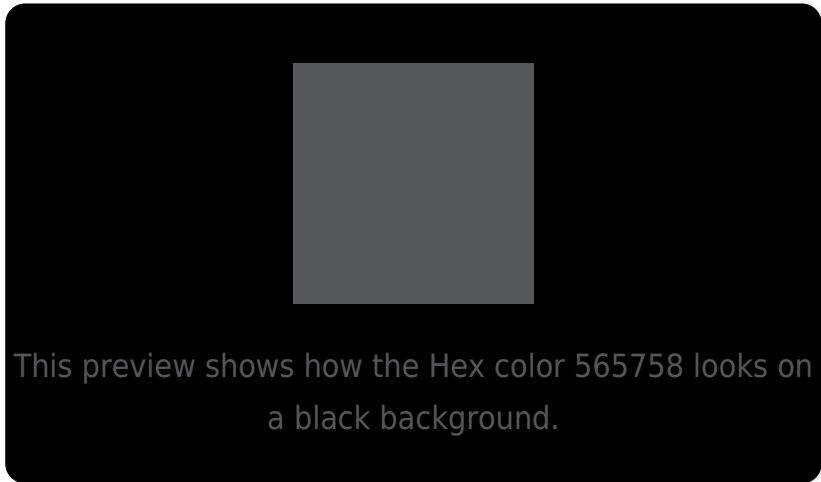
Large Text (above 18pt) WCAG AA ✓ Pass

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

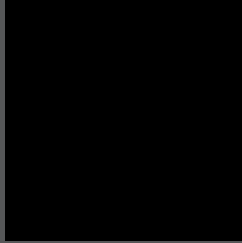
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

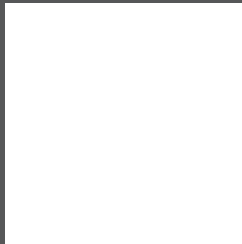
Any Text WCAG AAA × Fail

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

Hex 565758 Background



This preview shows how black text looks on a background with the Hex color 565758.



This preview shows how white text looks on a background with the Hex color 565758.

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
565758

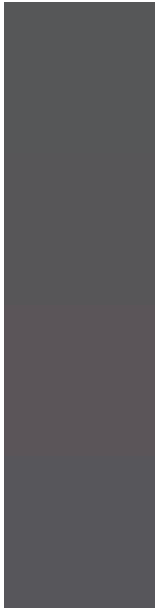
Protanopia
585658

Deuteranopia
5E5459



Tritanopia
57565D

Trichromacy



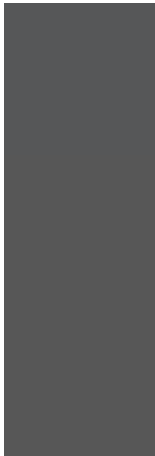
Original Color
565758

Protanomaly
575658

Deuteranomaly
5B5559

Tritanomaly
57565B

Monochromacy



Original Color
565758

Achromatopsia
575757

Achromatomaly
575757

CSS Examples

Text

The CSS property to change the color of the text to Hex 565758 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 #565758 looks like.

```
.text, #text, p{  
    color:#565758  
}
```

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 #565758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565758
}
```

Border

The CSS property to change the border of an element to Hex 565758 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
#565758 }
```

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

```
.border{ border-color:#565758 }
```

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

Here you see how a box with a 4 pixel #565758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565758; -webkit-box-shadow:4px 4px  
4px 4px #565758; box-shadow:4px 4px 4px  
4px #565758 }
```

Background

The CSS property to change the background color of an element to Hex 565758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565758 }
```

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

```
.background{ background-color:#565758 }
```

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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