

Converting Colors

Hex(5A5959)

Have a look what the booklet for
Hex(5A5959) contains.

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Color

Hex(5A5959)

Conversions

Conversions Part 1

Format	Color
Hex	5A5959
RGB	90, 89, 89
RGB Percent	35%, 35%, 35%
CMY	0.6471, 0.6510, 0.6510
CMYK	0.00, 0.01, 0.01, 0.65
HSL	0°, 1%, 35%
HSV	0°, 1%, 35%
XYZ	9.5920, 10.0397, 10.8835
YIQ	89.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

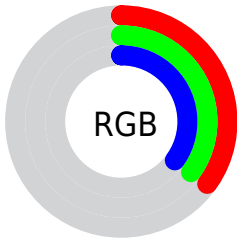
Format	Color
R_{YB}	90, 89, 89
Decimal	5921113
CIE _{Lab}	37.91, 0.40, 0.14
CIE _{LCh}	38, 0.424, 18.739
Yxy	10.0397, 0.3143, 0.3290
Android (android.graphics.Color)	4284111193 (0xFF5A5959)
YUV	89.2990, -0.1474, 0.6148
Hunter-Lab	31.6855, -1.4130, 1.8146

Details

The Hex color **5A5959** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **595A5A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8C8B8B**, and **2D2C2C** is the 20% darker color. If you saturate the color by 10%, you get **5A5050**, and if you desaturate by 10%, it is **5A6262**.

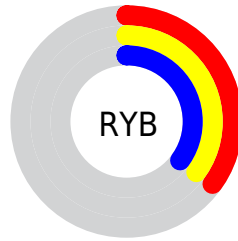
Distribution



Red (35%)

Green (35%)

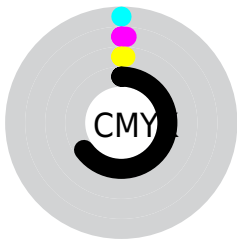
Blue (35%)



Red (35%)

Yellow (35%)

Blue (35%)



Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5959 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 5A5959 by changing the saturation by 10% instead.

■ 5A5959

■ 5A5959

FFFFFF

■ 434242

■ 8C8B8B

■ 2D2C2C

■ A6A5A5

■ 181717

■ C1C0C0

■ 000000

■ DDDCDC

■ FAF9F9

■ 5A5959

■ 5A5959

■ 5A5050

■ 5A6262

■ 5A4747

■ 5A6B6B

■ 5A3E3E

■ 5A7474

■ 5A3535

■ 5A7D7D

■ 5A2C2C

■ 5A8686

■ 5A2323

■ 5A8F8F

■ 5A1A1A

■ 5A9898

■ 5A1111

■ 5AA1A1

■ 5A0808

■ 5AAAAA

Harmonies

Triad

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



5A5959



595959



59595A

Complementary

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



5A5959



595A5A

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.



58595A



5A5959



595959

Square

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



5A5959



595959



585959



59595A

Rectangle

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



5A5959



585959



59595A

Sweetspot

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



5A5959



757575



5A595A



3B3B3B



BABABA

Same Dimension

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



5A5959



757474



5A5A59



2E2D2D



6E0000



ED0000

Inverse Universe

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



595A5A



747575



2D2E2E



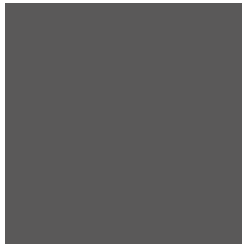
006E6E



00EDED

Previews

White Background



This preview shows how the Hex color 5A5959 looks on a white background.

Color Contrast Check

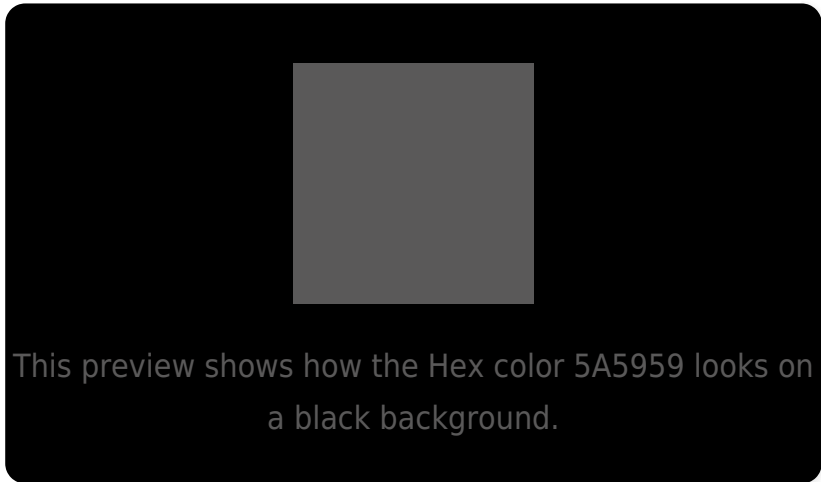
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

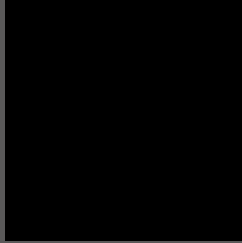
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

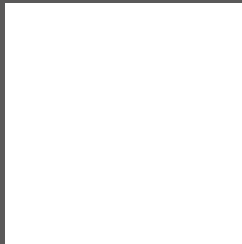
Any Text WCAG AAA × Fail

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

Hex 5A5959 Background



This preview shows how black text looks on a background with the Hex color 5A5959.

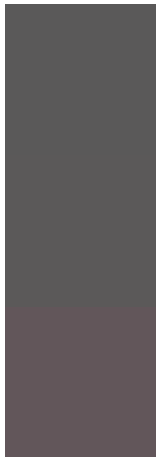


This preview shows how white text looks on a background with the Hex color 5A5959.

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
5A5959

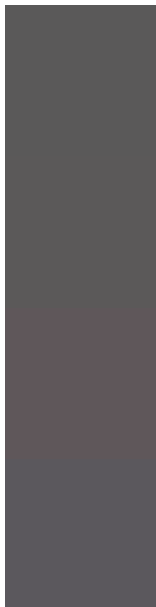
Protanopia
5B5959

Deuteranopia
62565A



Tritanopia
5B585F

Trichromacy



Original Color

5A5959

Protanomaly

5B5959

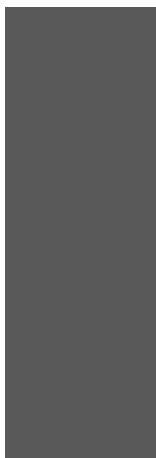
Deuteranomaly

5F575A

Tritanomaly

5B585D

Monochromacy



Original Color

5A5959

Achromatopsia

595959

Achromatomaly

595959

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5959 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 #5A5959 looks like.

```
.text, #text, p{  
    color:#5A5959  
}
```

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 #5A5959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5959
}
```

Border

The CSS property to change the border of an element to Hex 5A5959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

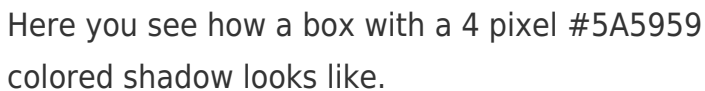
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A5959 }
```

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

```
.border{ border-color:#5A5959 }
```

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



Here you see how a box with a 4 pixel #5A5959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5959; -webkit-box-shadow:4px 4px  
4px 4px #5A5959; box-shadow:4px 4px 4px  
4px #5A5959 }
```

Background

The CSS property to change the background color of an element to Hex 5A5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5959 }
```

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

```
.background{ background-color:#5A5959 }
```

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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