

Converting Colors

Hex(3D5858)

Have a look what the booklet for
Hex(3D5858) contains.

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Color

Hex(3D5858)

Conversions

Conversions Part 1

Format	Color
Hex	3D5858
RGB	61, 88, 88
RGB Percent	24%, 35%, 35%
CMY	0.7608, 0.6549, 0.6549
CMYK	0.31, 0.00, 0.00, 0.65
HSL	180°, 18%, 29%
HSV	180°, 31%, 35%
XYZ	7.1756, 8.6761, 10.5290
YIQ	79.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

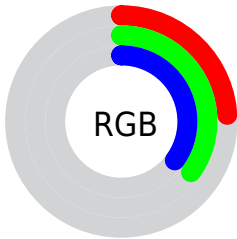
Format	Color
RYB	61, 75, 88
Decimal	4020312
CIELab	35.35, -10.03, -3.26
CIElCh	35, 10.544, 198.006
Yxy	8.6761, 0.2720, 0.3289
Android (android.graphics.Color)	4282210392 (0xFF3D5858)
YUV	79.9270, 3.9800, -16.5990
Hunter-Lab	29.4553, -8.0621, -0.5749

Details

The Hex color **3D5858** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **583D3D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6E8A8A**, and **102B2B** is the 20% darker color. If you saturate the color by 10%, you get **345858**, and if you desaturate by 10%, it is **465858**.

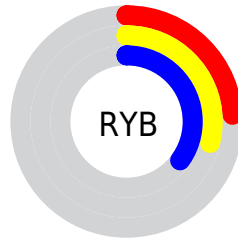
Distribution



Red (24%)

Green (35%)

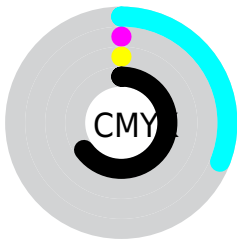
Blue (35%)



Red (24%)

Yellow (29%)

Blue (35%)

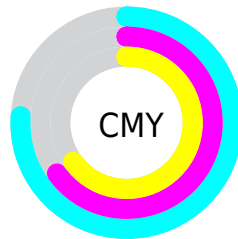


Cyan (31%)

Magenta (0%)

Yellow (0%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D5858 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 3D5858 by changing the saturation by 10% instead.



3D5858



3D5858

FFFFFF



264141



6E8A8A



102B2B



87A4A4



001716



A2BFBF



000000



BDDDBD



D9F8F7



F5FFFF



3D5858



3D5858



345858



465858

■ 2B5858

■ 4F5858

■ 235858

■ 575858

■ 1A5858

■ 605858

■ 115858

■ 695858

■ 085858

■ 725858

■ 005858

■ 7B5858

■ 835858

■ 8C5858

Harmonies

Analogous

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



42584F



3D5858



3E575F

Triad

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



3D5858



5B4F5E



5D5143

Complementary

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



3D5858



583D3D

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.



634F47



3D5858



624E57

Square

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



3D5858



505263



654D4E



545443

Rectangle

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



3D5858



435662



654D4E



5F5144

Sweetspot

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



3D5858



687373



3D583D



343B3B



BABABA



3B3B3B

Same Dimension

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



3D5858



487373



3D4B58



272B2B



006B6B



00EBEB

Inverse Universe

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



583D58



734873



584B3D



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 3D5858 looks on a white background.

Color Contrast Check

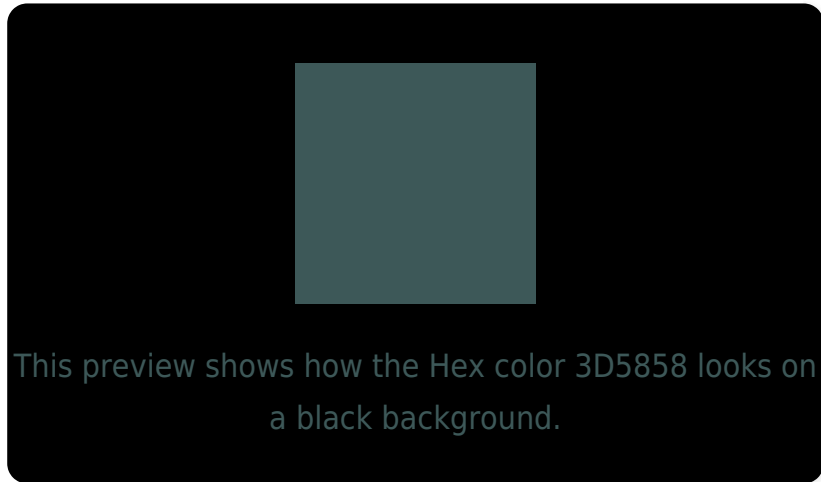
Large Text (above 18pt) WCAG AA ✓ Pass

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

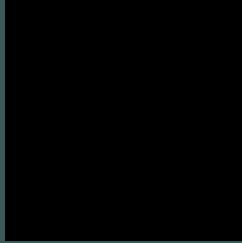
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

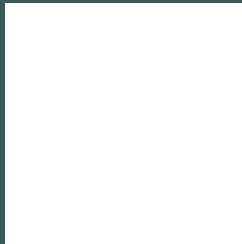
Any Text WCAG AAA × Fail

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

Hex 3D5858 Background



This preview shows how black text looks on a background with the Hex color 3D5858.



This preview shows how white text looks on a background with the Hex color 3D5858.

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
3D5858

Protanopia
545255

Deuteranopia
58515A

Trichromacy



Original Color
3D5858

Protanomaly
4C5456

Deuteranomaly
4E5459

Tritanomaly
3E575C

Monochromacy



Original Color
3D5858

Achromatopsia
505050

Achromatomaly
495353

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D5858 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 #3D5858 looks like.

```
.text, #text, p{  
    color:#3D5858  
}
```

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 #3D5858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5858
}
```

Border

The CSS property to change the border of an element to Hex 3D5858 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
#3D5858 }
```

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

```
.border{ border-color:#3D5858 }
```

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

Here you see how a box with a 4 pixel #3D5858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5858; -webkit-box-shadow:4px 4px  
4px 4px #3D5858; box-shadow:4px 4px 4px  
4px #3D5858 }
```

Background

The CSS property to change the background color of an element to Hex 3D5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5858 }
```

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

```
.background{ background-color:#3D5858 }
```

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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