

Converting Colors

Hex(357658)

Have a look what the booklet for
Hex(357658) contains.

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Color

Hex(357658)

Conversions

Conversions Part 1

Format	Color
Hex	357658
RGB	53, 118, 88
RGB Percent	21%, 46%, 35%
CMY	0.7922, 0.5373, 0.6549
CMYK	0.55, 0.00, 0.25, 0.54
HSL	152°, 38%, 34%
HSV	152°, 55%, 46%
XYZ	9.7081, 14.4183, 11.5039
YIQ	95.1450, -29.1100, -23.1100

Conversions

Conversions Part 2

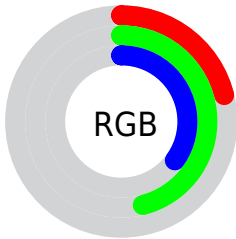
Format	Color
RYB	53, 95, 118
Decimal	3503704
CIELab	44.83, -28.46, 10.32
CIELCh	45, 30.277, 160.061
Yxy	14.4183, 0.2725, 0.4047
Android (android.graphics.Color)	4281693784 (0xFF357658)
YUV	95.1450, -3.5225, -36.9612
Hunter-Lab	37.9715, -20.8134, 8.6175

Details

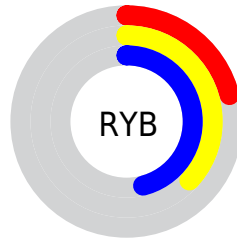
The Hex color **357658** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **763553**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **69AB8A**, and **00452A** is the 20% darker color. If you saturate the color by 10%, you get **297653**, and if you desaturate by 10%, it is **41765D**.

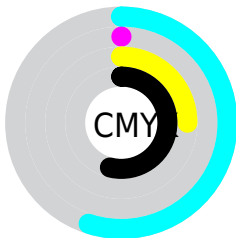
Distribution



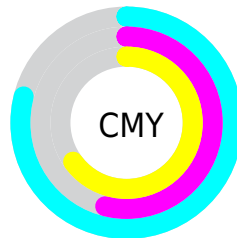
- Red (21%)
- Green (46%)
- Blue (35%)



- Red (21%)
- Yellow (37%)
- Blue (46%)



- Cyan (55%)
- Magenta (0%)
- Yellow (25%)
- Black (54%)



- Cyan (79%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 357658 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 357658 by changing the saturation by 10% instead.

 357658

 357658

FFFFFF

 195D41

 69AB8A

 00452A

 83C6A4

 002E16

 9FE2BF

 001A00

 BAFFDB

 000000

 D7FFF8

 F4FFFF

 357658

 357658

 297653

 41765D

■ 1D764D

■ 4D7663

■ 127648

■ 587668

■ 067642

■ 64766E

■ 007640

■ 707673

■ 7C7679

■ 88767E

■ 937684

■ 9F7689

Harmonies

Analogous

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



567242



357658



007772

Triad

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



357658



526A9C



975A4B

Complementary

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



357658



763553

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.



9A5662



357658



786091

Square

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



357658



1B7199



90587C



88633B

Rectangle

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



357658



007782



90587C



995852

Sweetspot

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



357658



7F998D



537635



3D4D45



CCCCCC



4D4D4D

Same Dimension

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



357658



34996A



357476



353B38



007A42



00FA87

Inverse Universe

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



763553



993463



763735



3B3537



7A0038



FA0073

Previews

White Background



This preview shows how the Hex color 357658 looks on a white background.

Color Contrast Check

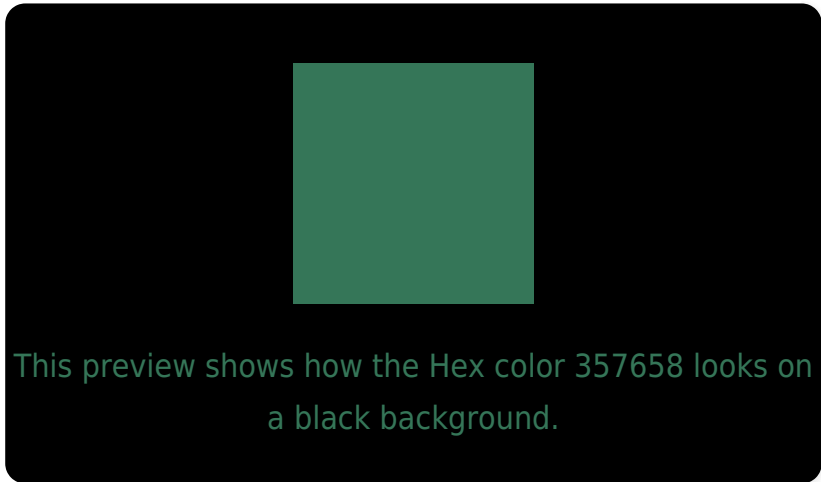
Large Text (above 18pt) WCAG AA ✓ Pass

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

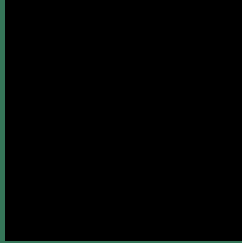
Any Text WCAG AA × Fail

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 357658 Background



This preview shows how black text looks on a background with the Hex color 357658.



This preview shows how white text looks on a background with the Hex color 357658.

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
357658

Protanopia
706952

Deuteranopia
79665C



Tritanopia
3F717B

Trichromacy



Original Color
357658

Protanomaly
5B6E54

Deuteranomaly
606C5B

Tritanomaly
3B736E

Monochromacy



Original Color
357658

Achromatopsia
5F5F5F

Achromatomaly
50675C

CSS Examples

Text

The CSS property to change the color of the text to Hex 357658 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 #357658 looks like.

```
.text, #text, p{  
    color:#357658  
}
```

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 #357658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #357658
}
```

Border

The CSS property to change the border of an element to Hex 357658 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
#357658 }
```

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

```
.border{ border-color:#357658 }
```

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

Here you see how a box with a 4 pixel #357658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #357658; -webkit-box-shadow:4px 4px  
4px 4px #357658; box-shadow:4px 4px 4px  
4px #357658 }
```

Background

The CSS property to change the background color of an element to Hex 357658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#357658 }
```

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

```
.background{ background-color:#357658 }
```

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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