

Converting Colors

Hex(386158)

Have a look what the booklet for
Hex(386158) contains.

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Color

Hex(386158)

Conversions

Conversions Part 1

Format	Color
Hex	386158
RGB	56, 97, 88
RGB Percent	22%, 38%, 35%
CMY	0.7804, 0.6196, 0.6549
CMYK	0.42, 0.00, 0.09, 0.62
HSL	167°, 27%, 30%
HSV	167°, 42%, 38%
XYZ	7.6670, 10.0947, 10.7769
YIQ	83.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

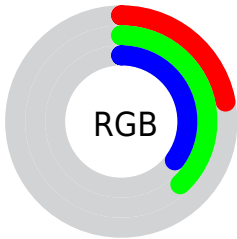
Format	Color
R_{YB}	56, 79, 97
Decimal	3694936
CIE _{Lab}	38.01, -16.77, 0.61
CIE _{LCh}	38, 16.782, 177.917
Yxy	10.0947, 0.2687, 0.3537
Android (android.graphics.Color)	4281885016 (0xFF386158)
YUV	83.7150, 2.1125, -24.3061
Hunter-Lab	31.7722, -12.5270, 2.1298

Details

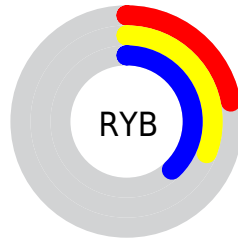
The Hex color **386158** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **613841**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **69948A**, and **06322B** is the 20% darker color. If you saturate the color by 10%, you get **2E6156**, and if you desaturate by 10%, it is **42615A**.

Distribution



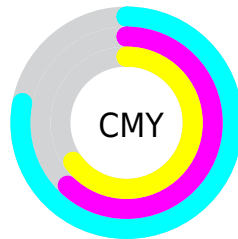
- Red (22%)
- Green (38%)
- Blue (35%)



- Red (22%)
- Yellow (31%)
- Blue (38%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (62%)



- Cyan (78%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 386158 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 386158 by changing the saturation by 10% instead.

■ 386158

■ 386158

FFFFFF

■ 204941

■ 69948A

■ 06322B

■ 83AFA4

■ 001E16

■ 9ECABF

■ 000000

■ B9E6DB

■ D5FFF7

■ F2FFFF

■ 386158

■ 386158

■ 2E6156

■ 42615A

■ 256154

■ 4B615C

■ 1B6152

■ 55615E

■ 11614F

■ 5F6161

■ 07614D

■ 686163

■ 00614C

■ 726165

■ 7C6167

■ 866169

■ 8F616B

Harmonies

Analogous

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



46604B



386158



316166

Triad

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



386158



5A5671



6F5443

Complementary

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



386158



613841

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.



75504D



386158



6A5268

Square

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



386158



475B74



73505B



64583E

Rectangle

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



386158



33606D



73505B



725246

Sweetspot

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



386158



6D7D79



426138



36403E



BFBFBF



404040

Same Dimension

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



386158



3D7D6F



385661



2C302F



007058



00F0BB

Inverse Universe

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



613841



7D3D4B



614338



302C2D



700019



F00035

Previews

White Background



This preview shows how the Hex color 386158 looks on a white background.

Color Contrast Check

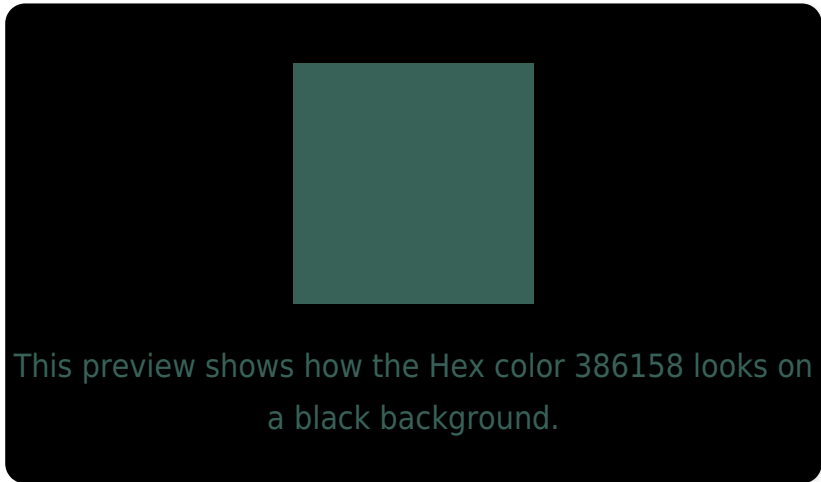
Large Text (above 18pt) WCAG AA ✓ Pass

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

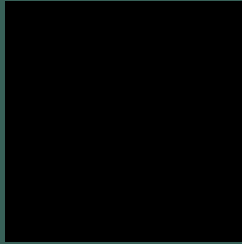
Any Text WCAG AA × Fail

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 386158 Background



This preview shows how black text looks on a background with the Hex color 386158.

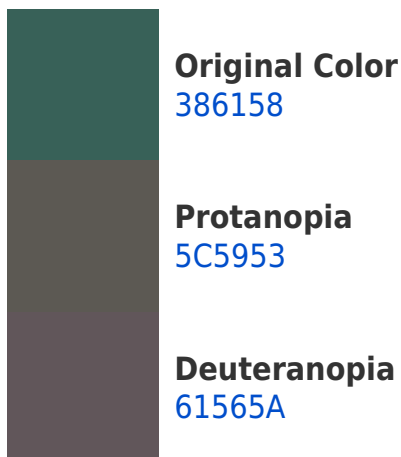


This preview shows how white text looks on a background with the Hex color 386158.

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](#).

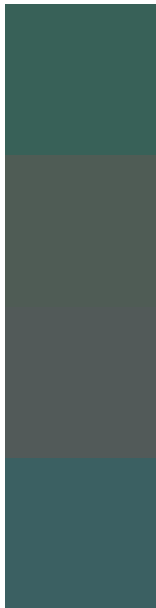
Dichromacy





Tritanopia
3C5F67

Trichromacy



Original Color
386158

Protanomaly
4F5C55

Deuteranomaly
525A59

Tritanomaly
3B6062

Monochromacy



Original Color
386158

Achromatopsia
545454

Achromatomaly
4A5955

CSS Examples

Text

The CSS property to change the color of the text to Hex 386158 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 #386158 looks like.

```
.text, #text, p{  
    color:#386158  
}
```

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 #386158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386158
}
```

Border

The CSS property to change the border of an element to Hex 386158 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
#386158 }
```

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

```
.border{ border-color:#386158 }
```

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

Here you see how a box with a 4 pixel #386158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386158; -webkit-box-shadow:4px 4px  
4px 4px #386158; box-shadow:4px 4px 4px  
4px #386158 }
```

Background

The CSS property to change the background color of an element to Hex 386158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386158 }
```

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

```
.background{ background-color:#386158 }
```

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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