

Converting Colors

Hex(38156A)

Have a look what the booklet for
Hex(38156A) contains.

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Color

Hex(38156A)

Conversions

Conversions Part 1

Format	Color
Hex	38156A
RGB	56, 21, 106
RGB Percent	22%, 8%, 42%
CMY	0.7804, 0.9176, 0.5843
CMYK	0.47, 0.80, 0.00, 0.58
HSL	265°, 67%, 25%
HSV	265°, 80%, 42%
XYZ	4.5006, 2.4177, 13.8651
YIQ	41.1550, -6.4250, 33.8550

Conversions

Conversions Part 2

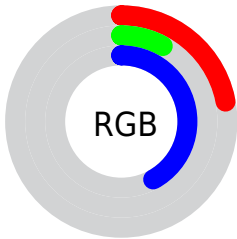
Format	Color
R_{YB}	56, 21, 106
Decimal	3675498
CIE _{Lab}	17.54, 36.31, -42.79
CIE _{LCh}	18, 56.119, 310.318
Yxy	2.4177, 0.2165, 0.1163
Android (android.graphics.Color)	4281865578 (0xFF38156A)
YUV	41.1550, 31.9686, 13.0191
Hunter-Lab	15.5489, 24.4554, -41.9852

Details

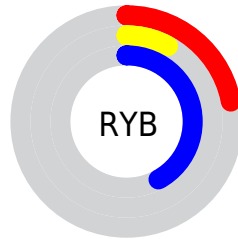
The Hex color **38156A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **476A15**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **6C449E**, and **02003A** is the 20% darker color. If you saturate the color by 10%, you get **320A6A**, and if you desaturate by 10%, it is **3E206A**.

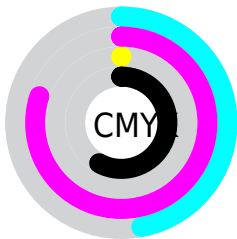
Distribution



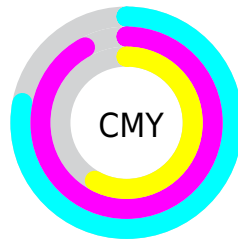
- Red (22%)
- Green (8%)
- Blue (42%)



- Red (22%)
- Yellow (8%)
- Blue (42%)



- Cyan (47%)
- Magenta (80%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (92%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38156A 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 38156A by changing the saturation by 10% instead.

■ 38156A

■ 38156A

FFFFFF

■ 1D0051

■ 6C449E

■ 02003A

■ 875DB9

■ 000223

■ A376D5

■ 00000A

■ BF90F2

■ 000000

■ DBABFF

■ F8C6FF

■ FFE3FF

■ 38156A

■ 38156A

■ 320A6A

■ 3E206A

■ 2C006A

■ 442A6A

■ 4B356A

■ 513F6A

■ 574A6A

■ 5D556A

■ 645F6A

■ 6A6A6A

■ 70746A

Harmonies

Analogous

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



002D7D



38156A



620047

Triad

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



38156A



4B1E00



003A39

Complementary

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



38156A



476A15

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.



00390C



38156A



2A2E00

Square

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



38156A



630000



003500



003A5F

Rectangle

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



38156A



6C002D



003500



003A2A

Sweetspot

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



38156A



76698A



15486A



393145



C4C4C4



454545

Same Dimension

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



38156A



3C068A



62156A



323036



300075



6500F5

Inverse Universe

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



6A1547



8A0653



1E6A15



363033



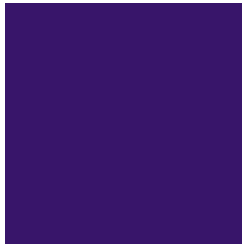
750045



F50090

Previews

White Background



This preview shows how the Hex color 38156A looks on a white background.

Color Contrast Check

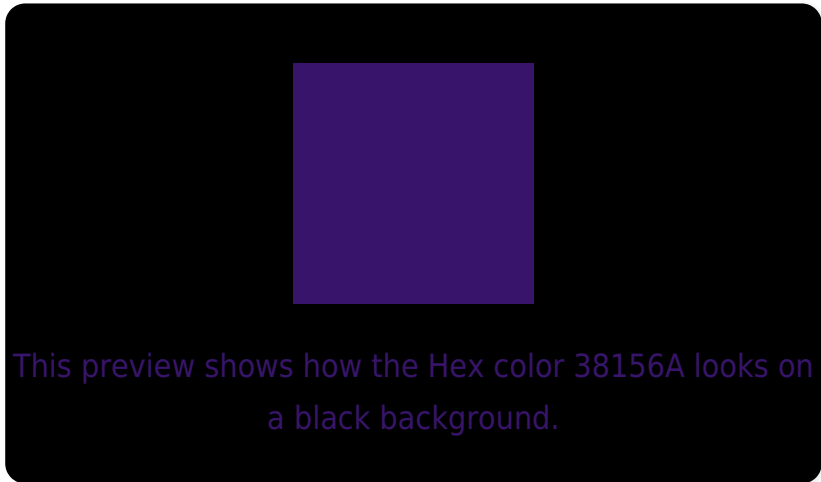
Large Text (above 18pt) WCAG AA ✓ Pass

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

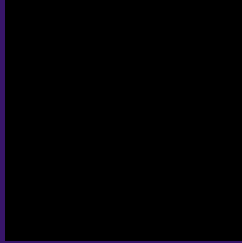
Any Text WCAG AA × Fail

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 38156A Background



This preview shows how black text looks on a background with the Hex color 38156A.



This preview shows how white text looks on a background with the Hex color 38156A.

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
38156A

Protanopia
002B5A

Deuteranopia
002E4D



Tritanopia
292D30

Trichromacy



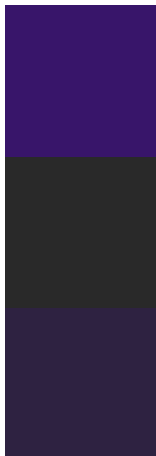
Original Color
38156A

Protanomaly
142360

Deuteranomaly
142558

Tritanomaly
2E2445

Monochromacy



Original Color
38156A

Achromatopsia
292929

Achromatomaly
2E2241

CSS Examples

Text

The CSS property to change the color of the text to Hex 38156A 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 #38156A looks like.

```
.text, #text, p{  
    color:#38156A  
}
```

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 #38156A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38156A
}
```

Border

The CSS property to change the border of an element to Hex 38156A 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".

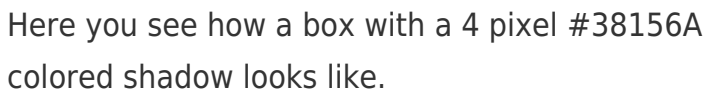
```
.border, #border, table{ border:4px solid
#38156A }
```

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

```
.border{ border-color:#38156A }
```

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

Here you see how a box with a 4 pixel #38156A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38156A; -webkit-box-shadow:4px 4px  
4px 4px #38156A; box-shadow:4px 4px 4px  
4px #38156A }
```

Background

The CSS property to change the background color of an element to Hex 38156A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38156A }
```

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

```
.background{ background-color:#38156A }
```

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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