

Converting Colors

Hex(385687)

Have a look what the booklet for
Hex(385687) contains.

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Color

Hex(385687)

Conversions

Conversions Part 1

Format	Color
Hex	385687
RGB	56, 86, 135
RGB Percent	22%, 34%, 53%
CMY	0.7804, 0.6627, 0.4706
CMYK	0.59, 0.36, 0.00, 0.47
HSL	217°, 41%, 37%
HSV	217°, 59%, 53%
XYZ	9.3318, 9.2456, 24.2144
YIQ	82.6160, -33.6090, 8.8790

Conversions

Conversions Part 2

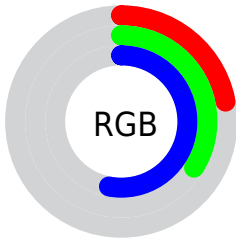
Format	Color
R_{YB}	56, 78, 135
Decimal	3692167
CIE _{Lab}	36.45, 4.57, -30.74
CIE _{LCh}	36, 31.074, 278.464
Yxy	9.2456, 0.2181, 0.2161
Android (android.graphics.Color)	4281882247 (0xFF385687)
YUV	82.6160, 25.8253, -23.3422
Hunter-Lab	30.4066, 1.5706, -25.9312

Details

The Hex color **385687** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **876938**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6D87BD**, and **002955** is the 20% darker color. If you saturate the color by 10%, you get **2B4E87**, and if you desaturate by 10%, it is **465E87**.

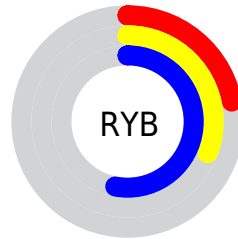
Distribution



Red (22%)

Green (34%)

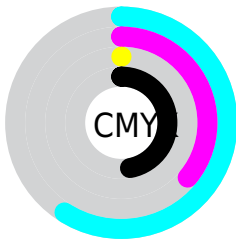
Blue (53%)



Red (22%)

Yellow (31%)

Blue (53%)

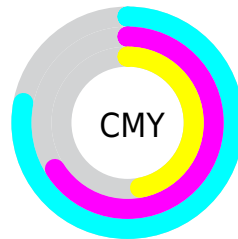


Cyan (59%)

Magenta (36%)

Yellow (0%)

Black (47%)



Cyan (78%)

Magenta (66%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 385687 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 385687 by changing the saturation by 10% instead.

■ 385687

■ 385687

FFFFFF

■ 1B3F6D

■ 6D87BD

■ 002955

■ 88A2D8

■ 00153D

■ A4BDF5

■ 000327

■ C0D8FF

■ 000111

■ DCF5FF

■ 000000

■ F9FFFF

■ 385687

■ 385687

■ 2B4E87

■ 465E87

■ 1D4587

■ 536787

■ 103D87

■ 616F87

■ 023587

■ 6E7787

■ 003387

■ 7C8087

■ 898887

■ 979187

■ A49987

■ B2A187

Harmonies

Analogous

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



005D84



385687



614C7D

Triad

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



385687



814538



1E6143

Complementary

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



385687



876938

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.



435D2D



385687



734E27

Square

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



385687



844150



5E5722



00625C

Rectangle

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



385687



734670



5E5722



2D603B

Sweetspot

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



385687



909CB0



388769



464D59



D9D9D9



595959

Same Dimension

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



385687



3564B0



413887



3C3E42



003182



000103

Inverse Universe

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



873856



B03564



7E8738



423C3E



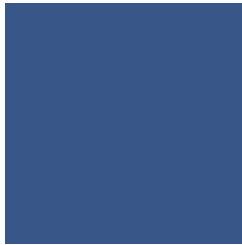
820031



030001

Previews

White Background



This preview shows how the Hex color 385687 looks on a white background.

Color Contrast Check

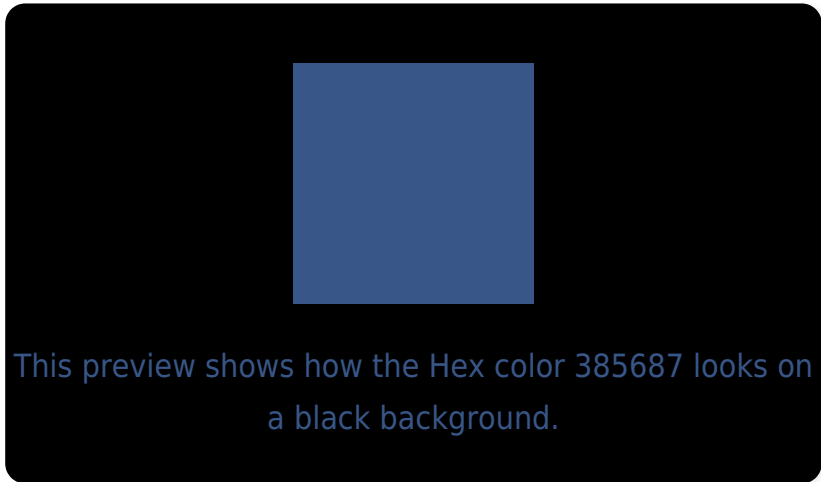
Large Text (above 18pt) WCAG AA ✓ Pass

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 385687 Background



This preview shows how black text looks on a background with the Hex color 385687.



This preview shows how white text looks on a background with the Hex color 385687.

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
385687

Protanopia
435485

Deuteranopia
3A5687



Tritanopia
295D65

Trichromacy



Original Color
385687

Protanomaly
3F5586

Deuteranomaly
395687

Tritanomaly
2E5A71

Monochromacy



Original Color
385687

Achromatopsia
535353

Achromatomaly
495466

CSS Examples

Text

The CSS property to change the color of the text to Hex 385687 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 #385687 looks like.

```
.text, #text, p{  
    color:#385687  
}
```

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 #385687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #385687
}
```

Border

The CSS property to change the border of an element to Hex 385687 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
#385687 }
```

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

```
.border{ border-color:#385687 }
```

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

Here you see how a box with a 4 pixel #385687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #385687; -webkit-box-shadow:4px 4px  
4px 4px #385687; box-shadow:4px 4px 4px  
4px #385687 }
```

Background

The CSS property to change the background color of an element to Hex 385687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#385687 }
```

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

```
.background{ background-color:#385687 }
```

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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