

Converting Colors

Hex(3C5477)

Have a look what the booklet for
Hex(3C5477) contains.

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Color

Hex(3C5477)

Conversions

Conversions Part 1

Format	Color
Hex	3C5477
RGB	60, 84, 119
RGB Percent	24%, 33%, 47%
CMY	0.7647, 0.6706, 0.5333
CMYK	0.50, 0.29, 0.00, 0.53
HSL	216°, 33%, 35%
HSV	216°, 50%, 47%
XYZ	8.3636, 8.6332, 18.6783
YIQ	80.8140, -25.5390, 5.7970

Conversions

Conversions Part 2

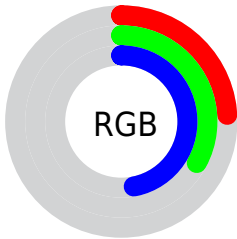
Format	Color
RYB	60, 77, 119
Decimal	3953783
CIELab	35.27, 1.41, -22.73
CIELCh	35, 22.778, 273.547
Yxy	8.6332, 0.2344, 0.2420
Android (android.graphics.Color)	4282143863 (0xFF3C5477)
YUV	80.8140, 18.8257, -18.2539
Hunter-Lab	29.3823, -0.6097, -17.1230

Details

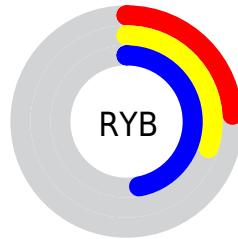
The Hex color **3C5477** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **775F3C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6F85AB**, and **052746** is the 20% darker color. If you saturate the color by 10%, you get **304D77**, and if you desaturate by 10%, it is **485B77**.

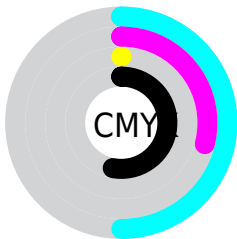
Distribution



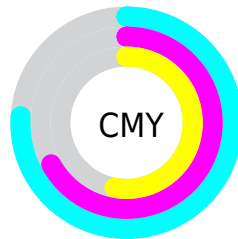
- Red (24%)
- Green (33%)
- Blue (47%)



- Red (24%)
- Yellow (30%)
- Blue (47%)



- Cyan (50%)
- Magenta (29%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5477 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 3C5477 by changing the saturation by 10% instead.

■ 3C5477

■ 3C5477

FFFFFF

■ 233D5E

■ 6F85AB

■ 052746

■ 899FC7

■ 001330

■ A4BAE3

■ 00011B

■ C0D6FF

■ 000000

■ DCF2FF

■ F9FFFF

■ 3C5477

■ 3C5477

■ 304D77

■ 485B77

■ 244677

■ 546277

■ 183F77

■ 606977

■ 0C3877

■ 6C7077

■ 003177

■ 777777

■ 003077

■ 837E77

■ 8F8577

■ 9B8C77

■ A79477

Harmonies

Analogous

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



1B5973



3C5477



584D71

Triad

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



3C5477



754740



335B42

Complementary

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



3C5477



775F3C

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.



4A5834



3C5477



6C4C33

Square

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



3C5477



754551



5D532E



1A5D55

Rectangle

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



3C5477



664969



5D532E



3B5A3D

Sweetspot

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



3C5477



848E9C



3C775E



41474F



CFCFCF



4F4F4F

Same Dimension

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



3C5477



40659C



413C77



35373B



00327A



0066FA

Inverse Universe

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



773C54



9C4065



72773C



3B3537



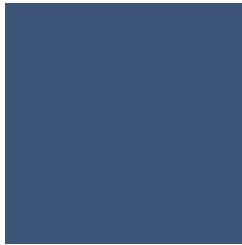
7A0032



FA0066

Previews

White Background



This preview shows how the Hex color 3C5477 looks on a white background.

Color Contrast Check

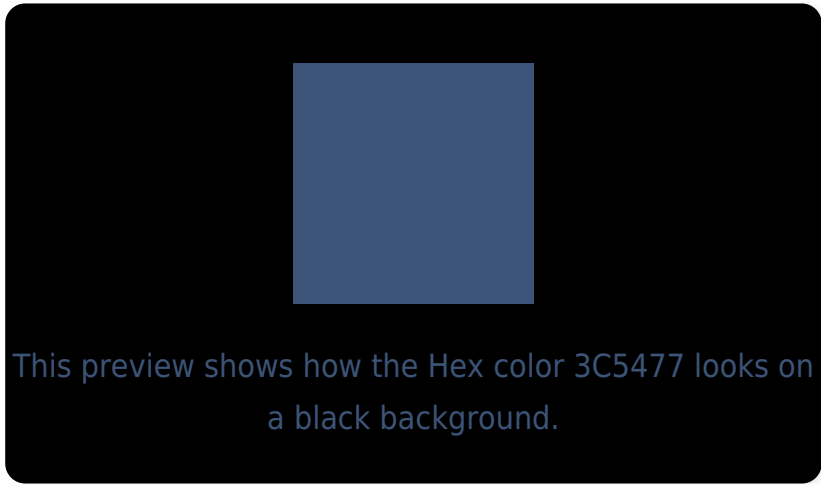
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C5477 Background



This preview shows how black text looks on a background with the Hex color 3C5477.

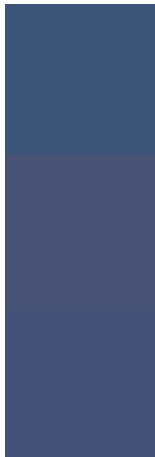


This preview shows how white text looks on a background with the Hex color 3C5477.

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
3C5477

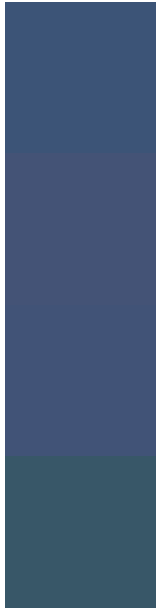
Protanopia
485275

Deuteranopia
445277



Tritanopia
355860

Trichromacy



Original Color
3C5477

Protanomaly
445376

Deuteranomaly
415377

Tritanomaly
385768

Monochromacy



Original Color
3C5477

Achromatopsia
515151

Achromatomaly
49525F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5477 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 #3C5477 looks like.

```
.text, #text, p{  
    color:#3C5477  
}
```

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 #3C5477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5477  
}
```

Border

The CSS property to change the border of an element to Hex 3C5477 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  
#3C5477 }
```

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

```
.border{ border-color:#3C5477 }
```

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

Here you see how a box with a 4 pixel #3C5477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5477; -webkit-box-shadow:4px 4px  
4px 4px #3C5477; box-shadow:4px 4px 4px  
4px #3C5477 }
```

Background

The CSS property to change the background color of an element to Hex 3C5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5477 }
```

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

```
.background{ background-color:#3C5477 }
```

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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