

Converting Colors

Hex(3C2586)

Have a look what the booklet for
Hex(3C2586) contains.

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Color

Hex(3C2586)

Conversions

Conversions Part 1

Format	Color
Hex	3C2586
RGB	60, 37, 134
RGB Percent	24%, 15%, 53%
CMY	0.7647, 0.8549, 0.4745
CMYK	0.55, 0.72, 0.00, 0.47
HSL	254°, 57%, 34%
HSV	254°, 72%, 53%
XYZ	6.8281, 4.0050, 22.9674
YIQ	54.9350, -17.4290, 35.0430

Conversions

Conversions Part 2

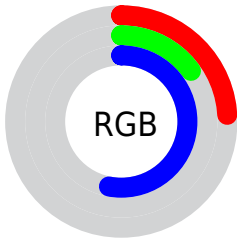
Format	Color
R_{YB}	60, 37, 134
Decimal	3941766
CIE _{Lab}	23.69, 36.78, -50.63
CIE _{LCh}	24, 62.580, 306.001
Yxy	4.0050, 0.2020, 0.1185
Android (android.graphics.Color)	4282131846 (0xFF3C2586)
YUV	54.9350, 38.9790, 4.4420
Hunter-Lab	20.0126, 25.8808, -54.0354

Details

The Hex color **3C2586** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6F8625**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7354BC**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **321886**, and if you desaturate by 10%, it is **463286**.

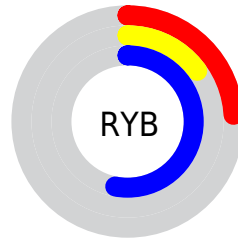
Distribution



Red (24%)

Green (15%)

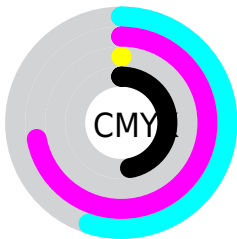
Blue (53%)



Red (24%)

Yellow (15%)

Blue (53%)

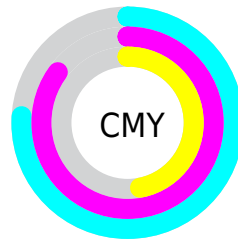


Cyan (55%)

Magenta (72%)

Yellow (0%)

Black (47%)



Cyan (76%)

Magenta (85%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2586 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 3C2586 by changing the saturation by 10% instead.



3C2586



3C2586

FFFFFF



1E0E6C



7354BC



000053



8F6DD8



00003B



AB87F5



000225



C7A1FF



00010D



E4BCFF



000000



FFD8FF



FFF5FF



3C2586



3C2586

■ 321886

■ 463286

■ 280A86

■ 504086

■ 200086

■ 5B4D86

■ 655B86

■ 6F6886

■ 797586

■ 848386

■ 8E9086

■ 989E86

Harmonies

Analogous

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



003D98



3C2586



740060

Triad

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



3C2586



632600



004A41

Complementary

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



3C2586



6F8625

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.



00480D



3C2586



3E3A00

Square

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



3C2586



7D0000



004400



004A6F

Rectangle

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



3C2586



830041



004400



004931

Sweetspot

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



3C2586



9087AD



256F86



464057



D6D6D6



575757

Same Dimension

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



3C2586



3A17AD



6C2586



3D3C42



1F0082



010003

Inverse Universe

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



86256F



AD178A



3F8625



423C41



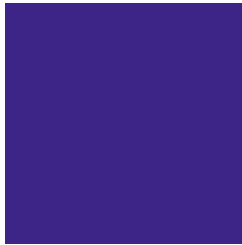
820063



030002

Previews

White Background



This preview shows how the Hex color 3C2586 looks on a white background.

Color Contrast Check

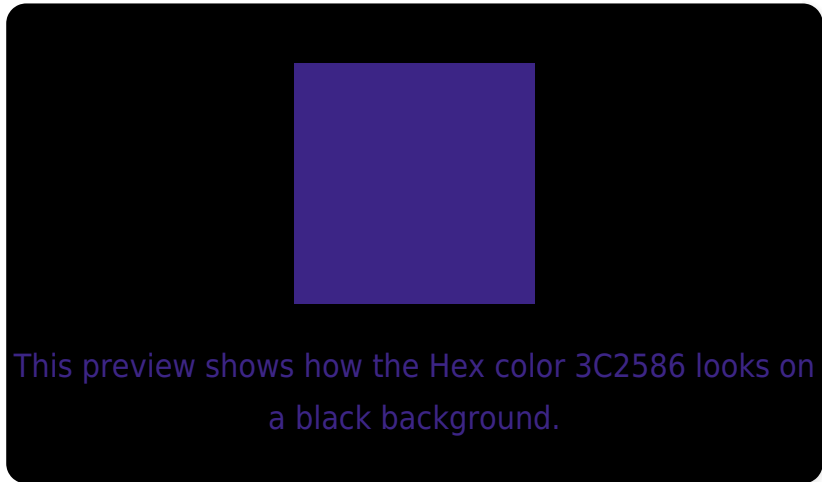
Large Text (above 18pt) WCAG AA ✓ Pass

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

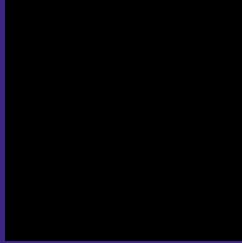
Any Text WCAG AA × Fail

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 3C2586 Background



This preview shows how black text looks on a background with the Hex color 3C2586.



This preview shows how white text looks on a background with the Hex color 3C2586.

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
3C2586

Protanopia
003774

Deuteranopia
003A63



Tritanopia
243D42

Trichromacy



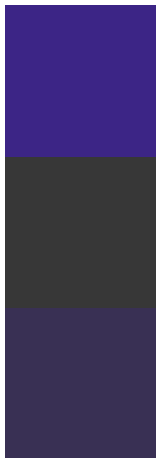
Original Color
3C2586

Protanomaly
16307B

Deuteranomaly
163270

Tritanomaly
2D345B

Monochromacy



Original Color
3C2586

Achromatopsia
373737

Achromatomaly
393054

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2586 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 #3C2586 looks like.

```
.text, #text, p{  
    color:#3C2586  
}
```

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 #3C2586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2586
}
```

Border

The CSS property to change the border of an element to Hex 3C2586 is called "border". The border property can be set on classes, ids or directly on the HTML element.

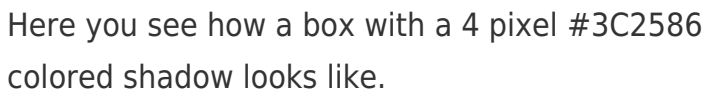
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C2586 }
```

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

```
.border{ border-color:#3C2586 }
```

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



Here you see how a box with a 4 pixel #3C2586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2586; -webkit-box-shadow:4px 4px  
4px 4px #3C2586; box-shadow:4px 4px 4px  
4px #3C2586 }
```

Background

The CSS property to change the background color of an element to Hex 3C2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2586 }
```

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

```
.background{ background-color:#3C2586 }
```

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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