

Converting Colors

Hex(3C156B)

Have a look what the booklet for
Hex(3C156B) contains.

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Color

Hex(3C156B)

Conversions

Conversions Part 1

Format	Color
Hex	3C156B
RGB	60, 21, 107
RGB Percent	24%, 8%, 42%
CMY	0.7647, 0.9176, 0.5804
CMYK	0.44, 0.80, 0.00, 0.58
HSL	267°, 67%, 25%
HSV	267°, 80%, 42%
XYZ	4.7855, 2.5585, 14.1515
YIQ	42.4650, -4.3620, 35.0140

Conversions

Conversions Part 2

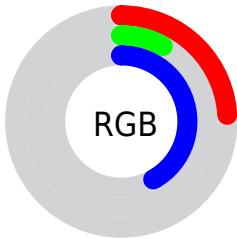
Format	Color
R_{YB}	60, 21, 107
Decimal	3937643
CIE _{Lab}	18.18, 37.30, -42.37
CIE _{LCh}	18, 56.450, 311.352
Yxy	2.5585, 0.2226, 0.1190
Android (android.graphics.Color)	4282127723 (0xFF3C156B)
YUV	42.4650, 31.8158, 15.3782
Hunter-Lab	15.9954, 25.4115, -41.2586

Details

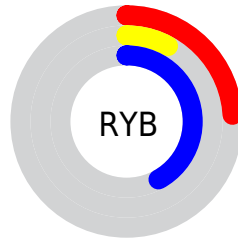
The Hex color **3C156B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **446B15**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **70459F**, and **0A003B** is the 20% darker color. If you saturate the color by 10%, you get **360A6B**, and if you desaturate by 10%, it is **42206B**.

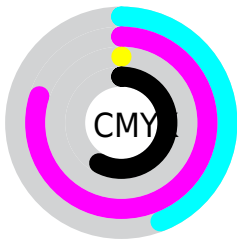
Distribution



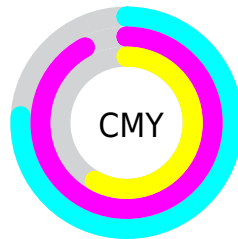
- Red (24%)
- Green (8%)
- Blue (42%)



- Red (24%)
- Yellow (8%)
- Blue (42%)



- Cyan (44%)
- Magenta (80%)
- Yellow (0%)
- Black (58%)



- Cyan (76%)
- Magenta (92%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C156B 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 3C156B by changing the saturation by 10% instead.



3C156B



3C156B

FFFFFF



220052



70459F



0A003B



8B5DBB



000224



A777D7



00000C



C391F3



000000



DFACFF



FDC7FF



FFE4FF



3C156B



3C156B

■ 360A6B

■ 42206B

■ 31006B

■ 482A6B

■ 4E356B

■ 53406B

■ 594A6B

■ 5F556B

■ 65606B

■ 6B6B6B

■ 71756B

Harmonies

Analogous

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



002E7F



3C156B



650047

Triad

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



3C156B



4C2000



003C3C

Complementary

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



3C156B



446B15

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.



003A0F



3C156B



2A3000

Square

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



3C156B



650000



003700



003C63

Rectangle

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



3C156B



6E002D



003700



003B2D

Sweetspot

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



3C156B



7A6B8C



15446B



3C3347



C7C7C7



474747

Same Dimension

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



3C156B



43068C



67156B



333036



350075



6F00F5

Inverse Universe

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



6B1544



8C064F



196B15



363033



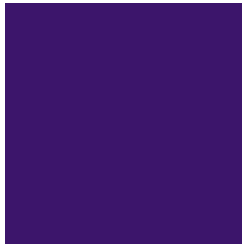
750040



F50086

Previews

White Background



This preview shows how the Hex color 3C156B 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

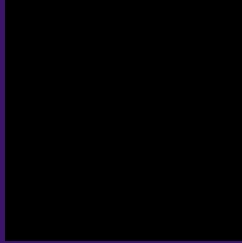
Any Text WCAG AA × Fail

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 3C156B Background



This preview shows how black text looks on a background with the Hex color 3C156B.



This preview shows how white text looks on a background with the Hex color 3C156B.

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
3C156B

Protanopia
002C5D

Deuteranopia
002F50



Tritanopia
2E2D31

Trichromacy



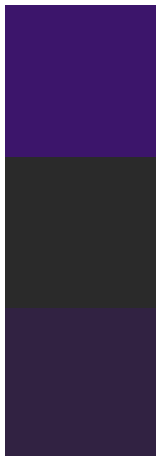
Original Color
3C156B

Protanomaly
162462

Deuteranomaly
16265A

Tritanomaly
332446

Monochromacy



Original Color
3C156B

Achromatopsia
2A2A2A

Achromatomaly
312242

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C156B 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 #3C156B looks like.

```
.text, #text, p{  
    color:#3C156B  
}
```

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 #3C156B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C156B
}
```

Border

The CSS property to change the border of an element to Hex 3C156B 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
#3C156B }
```

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

```
.border{ border-color:#3C156B }
```

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

Here you see how a box with a 4 pixel #3C156B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C156B; -webkit-box-shadow:4px 4px  
4px 4px #3C156B; box-shadow:4px 4px 4px  
4px #3C156B }
```

Background

The CSS property to change the background color of an element to Hex 3C156B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C156B }
```

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

```
.background{ background-color:#3C156B }
```

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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