

Converting Colors

Hex(3C2878)

Have a look what the booklet for
Hex(3C2878) contains.

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Color

Hex(3C2878)

Conversions

Conversions Part 1	
Format	Color
Hex	3C2878
RGB	60, 40, 120
RGB Percent	24%, 16%, 47%
CMY	0.7647, 0.8431, 0.5294
CMYK	0.50, 0.67, 0.00, 0.53
HSL	255°, 50%, 31%
HSV	255°, 67%, 47%
XYZ	6.0124, 3.8343, 18.1925
YIQ	55.1000, -13.7600, 29.1200

Conversions

Conversions Part 2

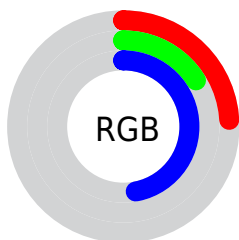
Format	Color
RYB	60, 40, 120
Decimal	3942520
CIELab	23.12, 30.62, -42.71
CIELCh	23, 52.556, 305.635
Yxy	3.8343, 0.2144, 0.1367
Android (android.graphics.Color)	4282132600 (0xFF3C2878)
YUV	55.1000, 31.9957, 4.2973
Hunter-Lab	19.5814, 20.5407, -41.3777

Details

The Hex color **3C2878** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **647828**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7156AD**, and **030047** is the 20% darker color. If you saturate the color by 10%, you get **331C78**, and if you desaturate by 10%, it is **453478**.

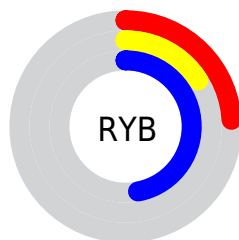
Distribution



Red (24%)

Green (16%)

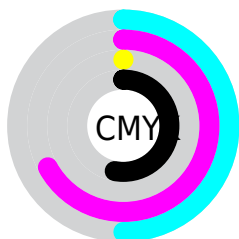
Blue (47%)



Red (24%)

Yellow (16%)

Blue (47%)

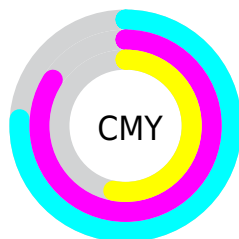


Cyan (50%)

Magenta (67%)

Yellow (0%)

Black (53%)



Cyan (76%)

Magenta (84%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2878 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 3C2878 by changing the saturation by 10% instead.

 3C2878

 3C2878

FFFFFF

 21125F

 7156AD

 030047

 8C6FC9

 00032F

 A789E5

 00011A

 C3A3FF

 000000

 E0BFFF

 FDDAFF

 FFF7FF

 3C2878

 3C2878

 331C78

 453478

 2A1078

 4E4078

 210478

 574C78

 1E0078

 605878

 696478

 727078

 7B7C78

 848878

 8D9478

Harmonies

Analogous

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



003A87



3C2878



6A0458

Triad

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



3C2878



5E2800



00473E

Complementary

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



3C2878



647828

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.



004513



3C2878



3E3800

Square

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



3C2878



73090A



114100



004764

Rectangle

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



3C2878



76003F



114100



004630

Sweetspot

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



3C2878



847C9C



286478



413C4F



CFCFCF



4F4F4F

Same Dimension

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



3C2878



3E1F9C



642878



39373D



1F007D



3F00FC

Inverse Universe

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



782864



9C1F7C



3C7828



3D373C



7D005E



FC00BD

Previews

White Background



This preview shows how the Hex color 3C2878 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



This preview shows how the Hex color 3C2878 looks on a 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 3C2878 Background



This preview shows how black text looks on a background with the Hex color 3C2878.



This preview shows how white text looks on a background with the Hex color 3C2878.

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](#).

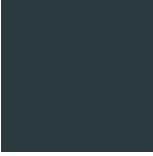
Dichromacy



Original Color
3C2878

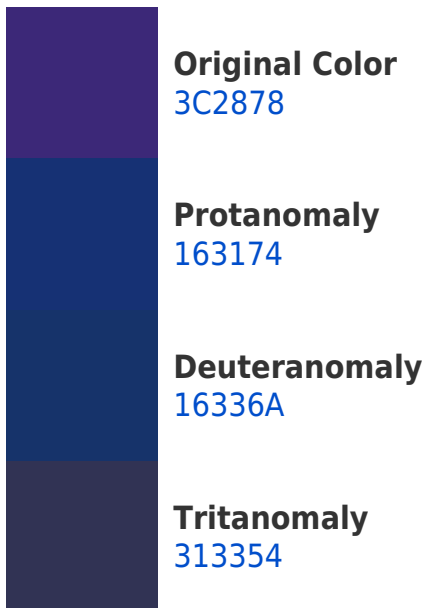
Protanopia
003671

Deuteranopia
003962

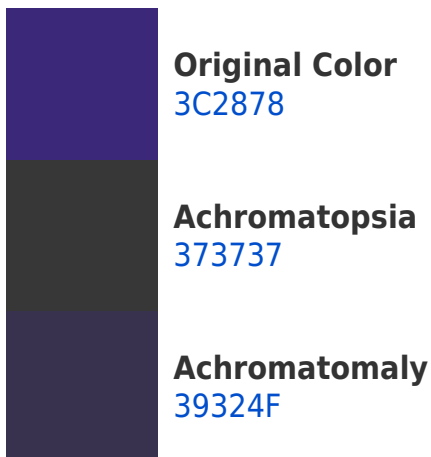


Tritanopia
2B3A3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2878 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 #3C2878 looks like.

```
.text, #text, p{  
    color:#3C2878  
}
```

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 #3C2878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2878
}
```

Border

The CSS property to change the border of an element to Hex 3C2878 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
#3C2878 }
```

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

```
.border{ border-color:#3C2878 }
```

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

Here you see how a box with a 4 pixel #3C2878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2878; -webkit-box-shadow:4px 4px  
4px 4px #3C2878; box-shadow:4px 4px 4px  
4px #3C2878 }
```

Background

The CSS property to change the background color of an element to Hex 3C2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2878 }
```

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

```
.background{ background-color:#3C2878 }
```

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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