

Converting Colors

Hex(3C2B70)

Have a look what the booklet for
Hex(3C2B70) contains.

Hex(3C2B70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C2B70)

Conversions

Conversions Part 1

Format	Color
Hex	3C2B70
RGB	60, 43, 112
RGB Percent	24%, 17%, 44%
CMY	0.7647, 0.8314, 0.5608
CMYK	0.46, 0.62, 0.00, 0.56
HSL	255°, 45%, 30%
HSV	255°, 62%, 44%
XYZ	5.6520, 3.8583, 15.7761
YIQ	55.9490, -12.0170, 25.0630

Conversions

Conversions Part 2

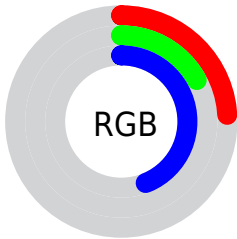
Format	Color
RYB	60, 43, 112
Decimal	3943280
CIELab	23.20, 26.21, -37.46
CIELCh	23, 45.720, 304.973
Yxy	3.8583, 0.2235, 0.1526
Android (android.graphics.Color)	4282133360 (0xFF3C2B70)
YUV	55.9490, 27.6331, 3.5527
Hunter-Lab	19.6425, 16.9878, -33.8697

Details

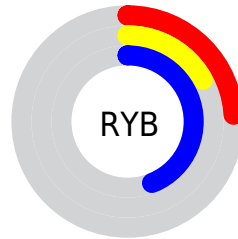
The Hex color **3C2B70** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F702B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6F59A4**, and **09003F** is the 20% darker color. If you saturate the color by 10%, you get **342070**, and if you desaturate by 10%, it is **443670**.

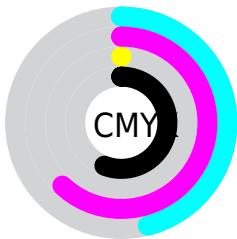
Distribution



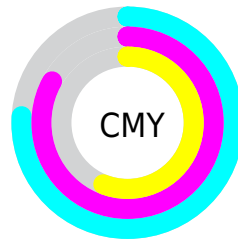
- Red (24%)
- Green (17%)
- Blue (44%)



- Red (24%)
- Yellow (17%)
- Blue (44%)



- Cyan (46%)
- Magenta (62%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (83%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C2B70 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 3C2B70 by changing the saturation by 10% instead.



3C2B70



3C2B70

FFFFFF



221657



6F59A4



09003F



8A72C0



000329



A58CDC



000112



C1A6F8



000000



DDC1FF



FADDFE



FFFAFF



3C2B70



3C2B70

■ 342070

■ 443670

■ 2B1570

■ 4D4170

■ 230970

■ 554D70

■ 1C0070

■ 5E5870

■ 666370

■ 6F6E70

■ 777970

■ 808570

■ 889070

Harmonies

Analogous

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



003A7C



3C2B70



631555

Triad

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



3C2B70



5B2A00



00463C

Complementary

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



3C2B70



5F702B

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.



004418



3C2B70



403800

Square

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



3C2B70



6D1612



1C4000



00455E

Rectangle

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



3C2B70



6F063F



1C4000



004530

Sweetspot

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



3C2B70



7E7791



2B6070



3E3A4A



C9C9C9



4A4A4A

Same Dimension

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



3C2B70



402691



5E2B70



343238



1E0078



3D00F7

Inverse Universe

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



702B5F



912677



3D702B



383237



78005A



F700BA

Previews

White Background



This preview shows how the Hex color 3C2B70 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

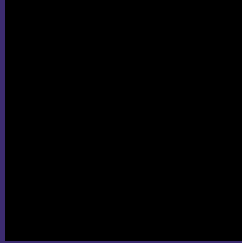
Any Text WCAG AA × Fail

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 3C2B70 Background



This preview shows how black text looks on a background with the Hex color 3C2B70.



This preview shows how white text looks on a background with the Hex color 3C2B70.

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
3C2B70

Protanopia
003672

Deuteranopia
003963



Tritanopia
2F393E

Trichromacy



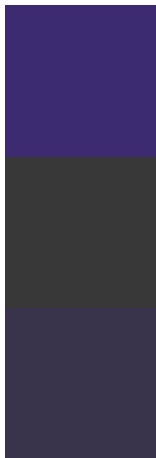
Original Color
3C2B70

Protanomaly
163271

Deuteranomaly
163468

Tritanomaly
343450

Monochromacy



Original Color
3C2B70

Achromatopsia
383838

Achromatomaly
39334C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C2B70 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 #3C2B70 looks like.

```
.text, #text, p{  
    color:#3C2B70  
}
```

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 #3C2B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2B70
}
```

Border

The CSS property to change the border of an element to Hex 3C2B70 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
#3C2B70 }
```

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

```
.border{ border-color:#3C2B70 }
```

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

Here you see how a box with a 4 pixel #3C2B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2B70; -webkit-box-shadow:4px 4px  
4px 4px #3C2B70; box-shadow:4px 4px 4px  
4px #3C2B70 }
```

Background

The CSS property to change the background color of an element to Hex 3C2B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2B70 }
```

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

```
.background{ background-color:#3C2B70 }
```

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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