

# Converting Colors

Hex(3C2260)

Have a look what the booklet for  
Hex(3C2260) contains.

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# Color

**Hex(3C2260)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C2260
RGB	60, 34, 96
RGB Percent	24%, 13%, 38%
CMY	0.7647, 0.8667, 0.6235
CMYK	0.37, 0.65, 0.00, 0.62
HSL	265°, 48%, 25%
HSV	265°, 65%, 38%
XYZ	4.5468, 2.9492, 11.3959
YIQ	48.8420, -4.4060, 24.7940

# Conversions

## Conversions Part 2

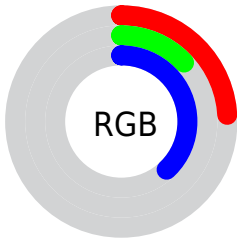
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 34, 96
Decimal	3940960
CIE <sub>Lab</sub>	19.84, 27.03, -32.46
CIE <sub>LCh</sub>	20, 42.239, 309.781
Yxy	2.9492, 0.2407, 0.1561
Android (android.graphics.Color)	4282131040 (0xFF3C2260)
YUV	48.8420, 23.2489, 9.7856
Hunter-Lab	17.1734, 17.2064, -27.3225

# Details

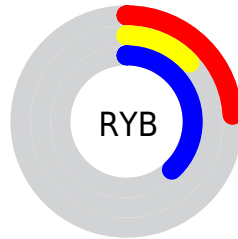
The Hex color **3C2260** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **466022**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6E5093**, and **130031** is the 20% darker color. If you saturate the color by 10%, you get **361860**, and if you desaturate by 10%, it is **422C60**.

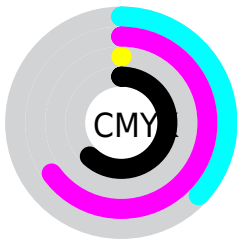
# Distribution



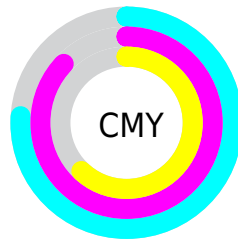
- Red (24%)
- Green (13%)
- Blue (38%)



- Red (24%)
- Yellow (13%)
- Blue (38%)



- Cyan (37%)
- Magenta (65%)
- Yellow (0%)
- Black (62%)



- Cyan (76%)
- Magenta (87%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C2260 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 3C2260 by changing the saturation by 10% instead.



■ 3C2260

■ 3C2260

FFFFFF

■ 240C48

■ 6E5093

■ 130031

■ 8868AE

■ 00011B

■ A382C9

■ 000000

■ BF9CE6

■ DBB7FF

■ F8D3FF

■ FFEFFF

■ 3C2260

■ 3C2260

■ 361860

■ 422C60

■ 310F60

■ 473560

■ 2B0560

■ 4D3F60

■ 280060

■ 524860

■ 585260

■ 5D5C60

■ 636560

■ 696F60

■ 6E7860

# Harmonies

## Analogous

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



00316E



3C2260



5B0D46

# Triad

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



3C2260



4D2600



003D3A

# Complementary

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



3C2260



466022

# 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.



003C19



3C2260



333200

# Square

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



3C2260



5E1507



103800



003C57

# Rectangle

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



3C2260



640232



103800



003D2F



# Sweetspot

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



3C2260



6F657D



224660



373140



BFBFBF



404040



# Same Dimension

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



3C2260



441B7D



5B2260



2E2C30



2F0070



6500F0



# Inverse Universe

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



602246



7D1B54



276022



302C2E



700041

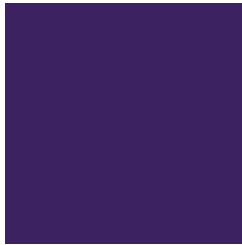


F0008B



# Previews

## White Background



This preview shows how the Hex color 3C2260 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

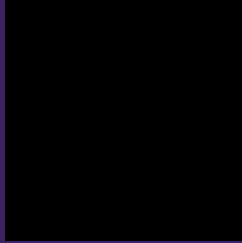
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C2260 Background



This preview shows how black text looks on a background with the Hex color 3C2260.



This preview shows how white text looks on a background with the Hex color 3C2260.

# 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**  
3C2260

**Protanopia**  
002F63

**Deuteranopia**  
003257



**Tritanopia**  
333033

# Trichromacy



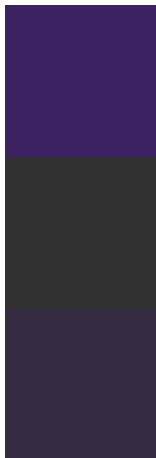
**Original Color**  
3C2260

**Protanomaly**  
162A62

**Deuteranomaly**  
162C5A

**Tritanomaly**  
362B43

# Monochromacy



**Original Color**  
3C2260

**Achromatopsia**  
313131

**Achromatomaly**  
352C42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C2260 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 #3C2260 looks like.

```
.text, #text, p{  
    color:#3C2260  
}
```

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 #3C2260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C2260
}
```

## Border

The CSS property to change the border of an element to Hex 3C2260 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
#3C2260 }
```

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

```
.border{ border-color:#3C2260 }
```

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

Here you see how a box with a 4 pixel #3C2260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C2260; -webkit-box-shadow:4px 4px  
4px 4px #3C2260; box-shadow:4px 4px 4px  
4px #3C2260 }
```

# Background

The CSS property to change the background color of an element to Hex 3C2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C2260 }
```

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

```
.background{ background-color:#3C2260 }
```

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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