

Converting Colors

Hex(3C1F66)

Have a look what the booklet for
Hex(3C1F66) contains.

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Color

Hex(3C1F66)

Conversions

Conversions Part 1

Format	Color
Hex	3C1F66
RGB	60, 31, 102
RGB Percent	24%, 12%, 40%
CMY	0.7647, 0.8784, 0.6000
CMYK	0.41, 0.70, 0.00, 0.60
HSL	265°, 53%, 26%
HSV	265°, 70%, 40%
XYZ	4.7517, 2.8999, 12.8797
YIQ	47.7650, -5.5070, 28.2290

Conversions

Conversions Part 2

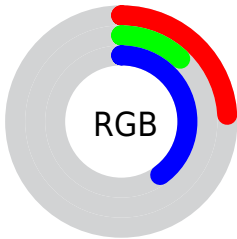
Format	Color
RYB	60, 31, 102
Decimal	3940198
CIELab	19.64, 30.58, -36.73
CIELCh	20, 47.794, 309.777
Yxy	2.8999, 0.2314, 0.1412
Android (android.graphics.Color)	4282130278 (0xFF3C1F66)
YUV	47.7650, 26.7379, 10.7301
Hunter-Lab	17.0292, 20.0065, -32.9222

Details

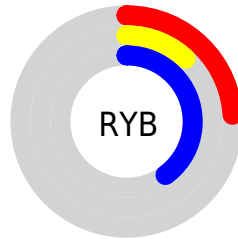
The Hex color **3C1F66** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **49661F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6F4D9A**, and **110037** is the 20% darker color. If you saturate the color by 10%, you get **361566**, and if you desaturate by 10%, it is **422966**.

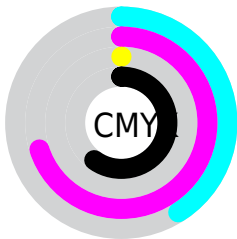
Distribution



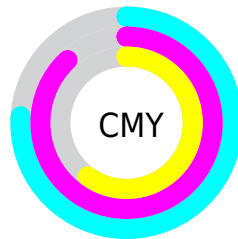
- Red (24%)
- Green (12%)
- Blue (40%)



- Red (24%)
- Yellow (12%)
- Blue (40%)



- Cyan (41%)
- Magenta (70%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (88%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C1F66 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 3C1F66 by changing the saturation by 10% instead.

■ 3C1F66

■ 3C1F66

FFFFFF

■ 23084E

■ 6F4D9A

■ 110037

■ 8A66B5

■ 000220

■ A57FD1

■ 000004

■ C099ED

■ 000000

■ DDB4FF

■ FAD0FF

■ FFECFF

■ 3C1F66

■ 3C1F66

■ 361566

■ 422966

■ 300B66

■ 483366

■ 2A0066

■ 4E3E66

■ 544866

■ 5A5266

■ 605C66

■ 666666

■ 6C7166

■ 727B66

Harmonies

Analogous

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



003176



3C1F66



600048

Triad

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



3C1F66



4E2500



003D3B

Complementary

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



3C1F66



49661F

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.



003C15



3C1F66



323200

Square

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



3C1F66



630C00



043900



003D5C

Rectangle

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



3C1F66



690031



043900



003D2E

Sweetspot

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



3C1F66



746985



1F4A66



383242



C2C2C2



424242

Same Dimension

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



3C1F66



431585



5F1F66



302E33



2F0073



6300F2

Inverse Universe

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



661F49



851557



26661F



332E31



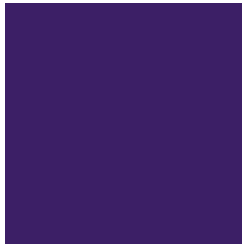
730044



F2008F

Previews

White Background



This preview shows how the Hex color 3C1F66 looks on a white background.

Color Contrast Check

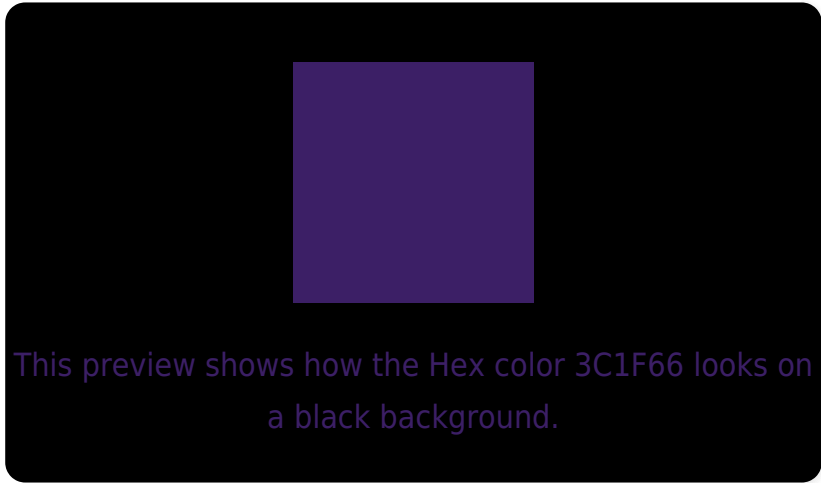
Large Text (above 18pt) WCAG AA ✓ Pass

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

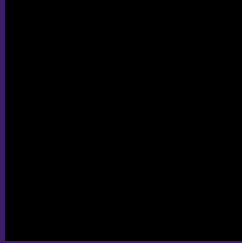
Any Text WCAG AA × Fail

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 3C1F66 Background



This preview shows how black text looks on a background with the Hex color 3C1F66.



This preview shows how white text looks on a background with the Hex color 3C1F66.

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
3C1F66

Protanopia
002F62

Deuteranopia
003155



Tritanopia
313033

Trichromacy



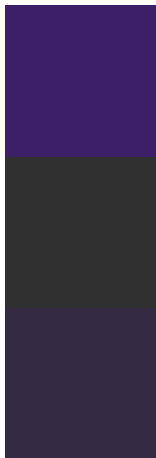
Original Color
3C1F66

Protanomaly
162963

Deuteranomaly
162A5B

Tritanomaly
352A46

Monochromacy



Original Color
3C1F66

Achromatopsia
303030

Achromatomaly
342A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C1F66 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 #3C1F66 looks like.

```
.text, #text, p{  
    color:#3C1F66  
}
```

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 #3C1F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C1F66  
}
```

Border

The CSS property to change the border of an element to Hex 3C1F66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

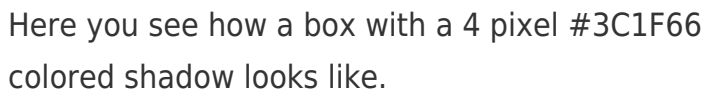
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3C1F66 }
```

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

```
.border{ border-color:#3C1F66 }
```

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



Here you see how a box with a 4 pixel #3C1F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C1F66; -webkit-box-shadow:4px 4px  
4px 4px #3C1F66; box-shadow:4px 4px 4px  
4px #3C1F66 }
```

Background

The CSS property to change the background color of an element to Hex 3C1F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C1F66 }
```

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

```
.background{ background-color:#3C1F66 }
```

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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