

Converting Colors

Hex(3B1E5A)

Have a look what the booklet for
Hex(3B1E5A) contains.

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Color

Hex(3B1E5A)

Conversions

Conversions Part 1

Format	Color
Hex	3B1E5A
RGB	59, 30, 90
RGB Percent	23%, 12%, 35%
CMY	0.7686, 0.8824, 0.6471
CMYK	0.34, 0.67, 0.00, 0.65
HSL	269°, 50%, 24%
HSV	269°, 67%, 35%
XYZ	4.1134, 2.5965, 9.9572
YIQ	45.5110, -1.9760, 24.8080

Conversions

Conversions Part 2

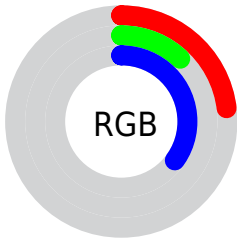
Format	Color
R_{YB}	59, 30, 90
Decimal	3874394
CIE _{Lab}	18.35, 27.49, -30.88
CIE _{LCh}	18, 41.343, 311.670
Yxy	2.5965, 0.2468, 0.1558
Android (android.graphics.Color)	4282064474 (0xFF3B1E5A)
YUV	45.5110, 21.9331, 11.8299
Hunter-Lab	16.1138, 17.3666, -25.3576

Details

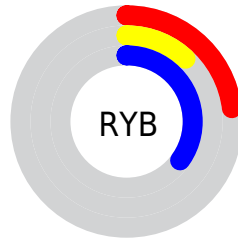
The Hex color **3B1E5A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3D5A1E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6D4C8D**, and **0E002C** is the 20% darker color. If you saturate the color by 10%, you get **36155A**, and if you desaturate by 10%, it is **40275A**.

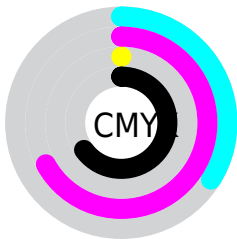
Distribution



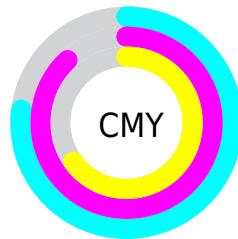
- Red (23%)
- Green (12%)
- Blue (35%)



- Red (23%)
- Yellow (12%)
- Blue (35%)



- Cyan (34%)
- Magenta (67%)
- Yellow (0%)
- Black (65%)



- Cyan (77%)
- Magenta (88%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B1E5A 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 3B1E5A by changing the saturation by 10% instead.



3B1E5A



3B1E5A

FFFFFF



230842



6D4C8D



0E002C



8764A7



000116



A27DC3



000000



BD97DF



D9B2FB



F6CEFF



FFFAFF



3B1E5A



3B1E5A

■ 36155A

■ 40275A

■ 320C5A

■ 44305A

■ 2D035A

■ 49395A

■ 2C005A

■ 4E425A

■ 524B5A

■ 57545A

■ 5C5D5A

■ 60665A

■ 656F5A

Harmonies

Analogous

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



002D68



3B1E5A



570840

Triad

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



3B1E5A



472400



003938

Complementary

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



3B1E5A



3D5A1E

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.



003819



3B1E5A



2E2F00

Square

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



3B1E5A



591301



0A3500



003954

Rectangle

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



3B1E5A



5F002C



0A3500



00392E

Sweetspot

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



3B1E5A



695E75



1E3D5A



332D3B



BABABA



3B3B3B

Same Dimension

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



3B1E5A



451775



591E5A



2C292E



35006E



7300ED

Inverse Universe

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



5A1E3D



751748



1F5A1E



2E292C



6E0039



ED007B

Previews

White Background



This preview shows how the Hex color 3B1E5A 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

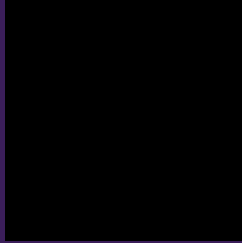
Any Text WCAG AA × Fail

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 3B1E5A Background



This preview shows how black text looks on a background with the Hex color 3B1E5A.



This preview shows how white text looks on a background with the Hex color 3B1E5A.

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
3B1E5A

Protanopia
002C5D

Deuteranopia
002E51



Tritanopia
332C2F

Trichromacy



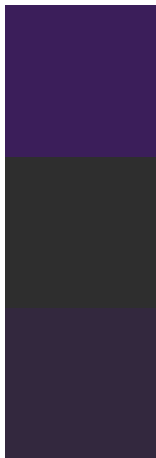
Original Color
3B1E5A

Protanomaly
15275C

Deuteranomaly
152854

Tritanomaly
36273F

Monochromacy



Original Color
3B1E5A

Achromatopsia
2E2E2E

Achromatomaly
33283E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B1E5A 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 #3B1E5A looks like.

```
.text, #text, p{  
    color:#3B1E5A  
}
```

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 #3B1E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B1E5A
}
```

Border

The CSS property to change the border of an element to Hex 3B1E5A 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".

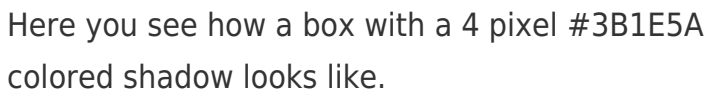
```
.border, #border, table{ border:4px solid
#3B1E5A }
```

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

```
.border{ border-color:#3B1E5A }
```

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

Here you see how a box with a 4 pixel #3B1E5A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B1E5A; -webkit-box-shadow:4px 4px  
4px 4px #3B1E5A; box-shadow:4px 4px 4px  
4px #3B1E5A }
```

Background

The CSS property to change the background color of an element to Hex 3B1E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B1E5A }
```

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

```
.background{ background-color:#3B1E5A }
```

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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