

Converting Colors

Hex(35213B)

Have a look what the booklet for
Hex(35213B) contains.

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Color

Hex(35213B)

Conversions

Conversions Part 1

Format	Color
Hex	35213B
RGB	53, 33, 59
RGB Percent	21%, 13%, 23%
CMY	0.7922, 0.8706, 0.7686
CMYK	0.10, 0.44, 0.00, 0.77
HSL	286°, 28%, 18%
HSV	286°, 44%, 23%
XYZ	2.8015, 2.1604, 4.4070
YIQ	41.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

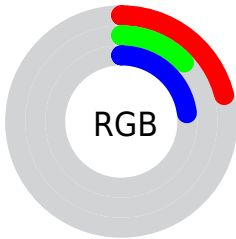
Format	Color
R_{YB}	53, 33, 59
Decimal	3481915
CIE Lab	16.31, 15.19, -12.97
CIE LCh	16, 19.974, 319.523
Yxy	2.1604, 0.2990, 0.2306
Android (android.graphics.Color)	4281671995 (0xFF35213B)
YUV	41.9440, 8.4086, 9.6961
Hunter-Lab	14.6982, 8.3003, -7.4884

Details

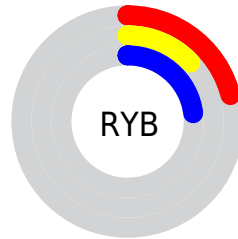
The Hex color **35213B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **273B21**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **644E6A**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **341B3B**, and if you desaturate by 10%, it is **36273B**.

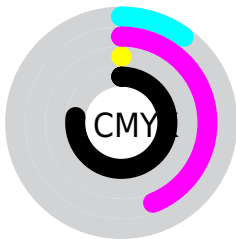
Distribution



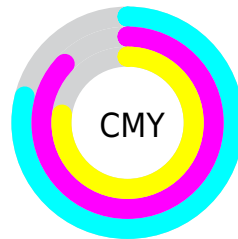
- Red (21%)
- Green (13%)
- Blue (23%)



- Red (21%)
- Yellow (13%)
- Blue (23%)



- Cyan (10%)
- Magenta (44%)
- Yellow (0%)
- Black (77%)



- Cyan (79%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35213B 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 35213B by changing the saturation by 10% instead.



35213B



35213B

FFFFFF



1F0C25



644E6A



00010F



7D6684



000000



977F9E



B299B9



CEB4D4



EACFF1



FFECFF



35213B



35213B

■ 341B3B

■ 36273B

■ 32153B

■ 382D3B

■ 310F3B

■ 39333B

■ 30093B

■ 3A393B

■ 2E033B

■ 3C3F3B

■ 2D003B

■ 3D443B

■ 3F4A3B

■ 40503B

■ 41563B

Harmonies

Analogous

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



212743



35213B



401D2E

Triad

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



35213B



35260A



003031

Complementary

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



35213B



273B21

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.



002F23



35213B



282A0B

Square

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



35213B



3F2113



172E15



002E3E

Rectangle

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



35213B



431C24



172E15



00302D

Sweetspot

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



35213B



4A434D



21273B



252026



A6A6A6



262626

Same Dimension

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



35213B



43244D



3B2134



1E1C1F



49005E



AB00DE

Inverse Universe

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



3B2127



4D242D



213B28



1F1C1C



5E0016



DE0033

Previews

White Background



This preview shows how the Hex color 35213B looks on a white background.

Color Contrast Check

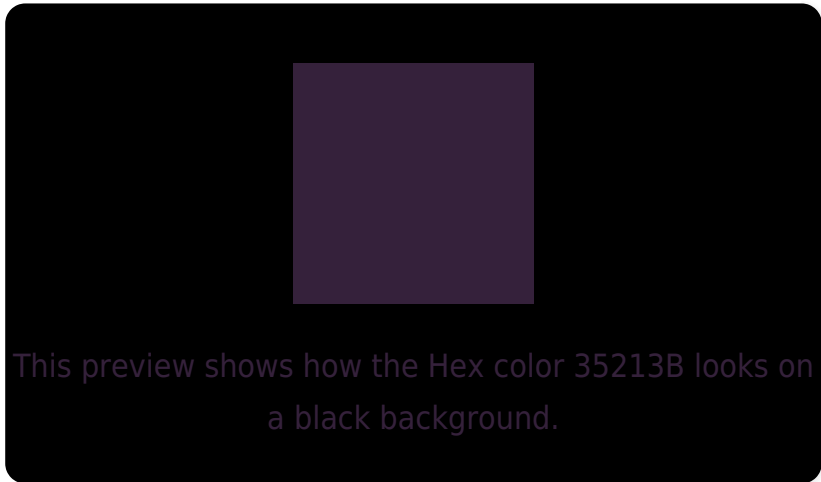
Large Text (above 18pt) WCAG AA ✓ Pass

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

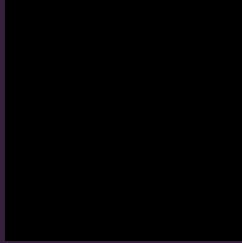
Any Text WCAG AA × Fail

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 35213B Background



This preview shows how black text looks on a background with the Hex color 35213B.



This preview shows how white text looks on a background with the Hex color 35213B.

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](#).

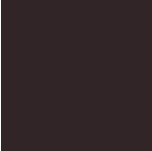
Dichromacy



Original Color
35213B

Protanopia
1F2841

Deuteranopia
23283A



Tritanopia
322528

Trichromacy



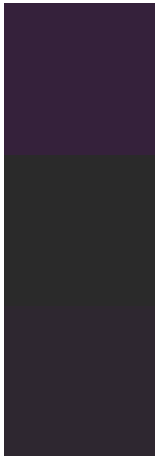
Original Color
35213B

Protanomaly
27253F

Deuteranomaly
2A253A

Tritanomaly
33242F

Monochromacy



Original Color
35213B

Achromatopsia
2A2A2A

Achromatomaly
2E2730

CSS Examples

Text

The CSS property to change the color of the text to Hex 35213B 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 #35213B looks like.

```
.text, #text, p{  
    color:#35213B  
}
```

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 #35213B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35213B
}
```

Border

The CSS property to change the border of an element to Hex 35213B is called "border". The border property can be set on classes, ids or directly on the HTML element.

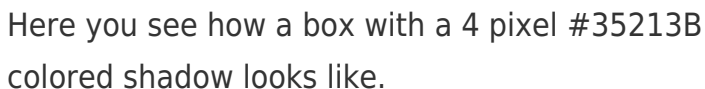
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35213B }
```

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

```
.border{ border-color:#35213B }
```

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



Here you see how a box with a 4 pixel #35213B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35213B; -webkit-box-shadow:4px 4px  
4px 4px #35213B; box-shadow:4px 4px 4px  
4px #35213B }
```

Background

The CSS property to change the background color of an element to Hex 35213B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35213B }
```

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

```
.background{ background-color:#35213B }
```

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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