

Converting Colors

Hex(35203B)

Have a look what the booklet for
Hex(35203B) contains.

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Color

Hex(35203B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 35203B |
| RGB | 53, 32, 59 |
| RGB Percent | 21%, 13%, 23% |
| CMY | 0.7922, 0.8745, 0.7686 |
| CMYK | 0.10, 0.46, 0.00, 0.77 |
| HSL | 287°, 30%, 18% |
| HSV | 287°, 46%, 23% |
| XYZ | 2.7741, 2.1057, 4.3979 |
| YIQ | 41.3570, 3.8490, 12.8490 |

Conversions

Conversions Part 2

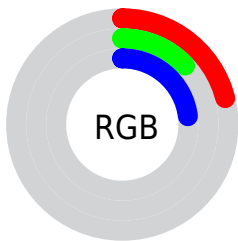
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 53, 32, 59 |
| Decimal | 3481659 |
| CIE Lab | 16.03, 15.87, -13.39 |
| CIE LCh | 16, 20.770, 319.847 |
| Yxy | 2.1057, 0.2990, 0.2270 |
| Android (android.graphics.Color) | 4281671739 (0xFF35203B) |
| YUV | 41.3570, 8.6980, 10.2109 |
| Hunter-Lab | 14.5109, 8.7306, -7.8116 |

Details

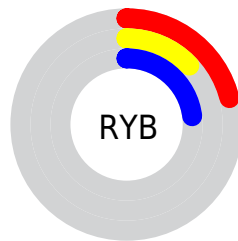
The Hex color **35203B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **263B20**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **644D6A**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **341A3B**, and if you desaturate by 10%, it is **36263B**.

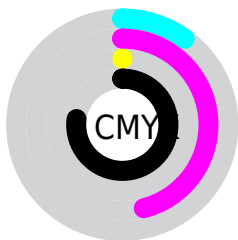
Distribution



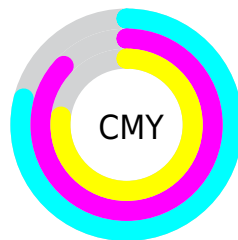
- Red (21%)
- Green (13%)
- Blue (23%)



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



- Cyan (10%)
- Magenta (46%)
- Yellow (0%)
- Black (77%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 35203B 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 35203B by changing the saturation by 10% instead.

■ 35203B

■ 35203B

FFFFFF

■ 200B25

■ 644D6A

■ 00010F

■ 7D6584

■ 000000

■ 977E9E

■ B298B9

■ CEB3D4

■ EACEF1

■ FFEAFF

■ 35203B

■ 35203B

■ 341A3B

■ 36263B

■ 32143B

■ 382C3B

■ 310E3B

■ 39323B

■ 30083B

■ 3A383B

■ 2E023B

■ 3C3D3B

■ 2E003B

■ 3D433B

■ 3E493B

■ 3F4F3B

■ 41553B

Harmonies

Analogous

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



202644



35203B



401C2D

Triad

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



35203B



352507



002F31

Complementary

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



35203B



263B20

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.



002F22



35203B



272A09

Square

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



35203B



3F2012



152D14



002E3E

Rectangle

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



35203B



431B24



152D14



002F2C

Sweetspot

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



35203B



4A424D



20263B



252026



A6A6A6



262626

Same Dimension

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



35203B



43224D



3B2034



1E1C1F



49005E



AD00DE

Inverse Universe

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



3B2026



4D222C



203B27



1F1C1C



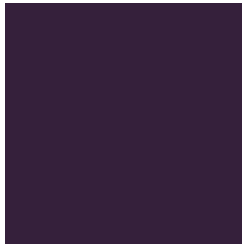
5E0015



DE0031

Previews

White Background



This preview shows how the Hex color 35203B looks on a white background.

Color Contrast Check

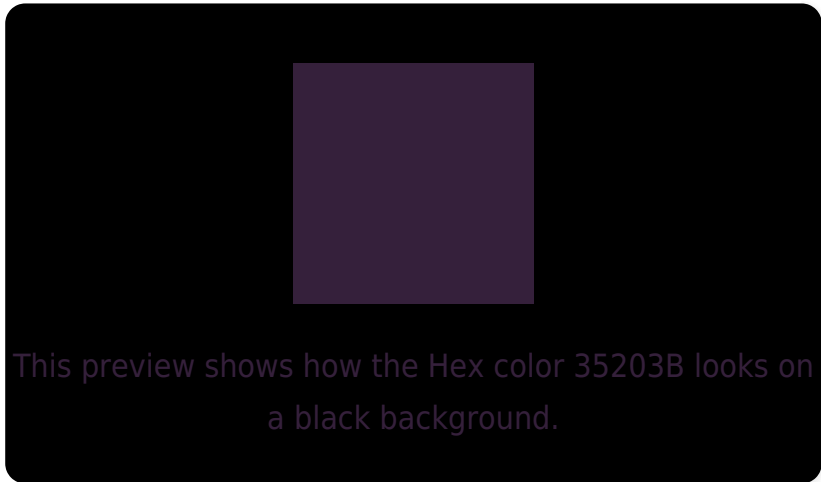
Large Text (above 18pt) WCAG AA ✓ Pass

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

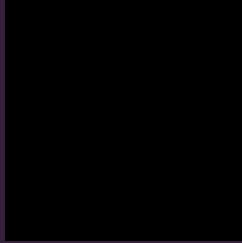
Any Text WCAG AA × Fail

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 35203B Background



This preview shows how black text looks on a background with the Hex color 35203B.



This preview shows how white text looks on a background with the Hex color 35203B.

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
35203B

Protanopia
1E2741

Deuteranopia
22283A



Tritanopia
322527

Trichromacy



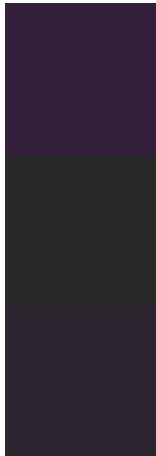
Original Color
35203B

Protanomaly
26243F

Deuteranomaly
29253A

Tritanomaly
33232E

Monochromacy



Original Color
35203B

Achromatopsia
292929

Achromatomaly
2D2630

CSS Examples

Text

The CSS property to change the color of the text to Hex 35203B 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 #35203B looks like.

```
.text, #text, p{  
    color:#35203B  
}
```

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 #35203B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35203B
}
```

Border

The CSS property to change the border of an element to Hex 35203B 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
#35203B }
```

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

```
.border{ border-color:#35203B }
```

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

Here you see how a box with a 4 pixel #35203B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35203B; -webkit-box-shadow:4px 4px  
4px 4px #35203B; box-shadow:4px 4px 4px  
4px #35203B }
```

Background

The CSS property to change the background color of an element to Hex 35203B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35203B }
```

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

```
.background{ background-color:#35203B }
```

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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