

Converting Colors

Hex(36223B)

Have a look what the booklet for
Hex(36223B) contains.

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Color

Hex(36223B)

Conversions

Conversions Part 1

Format	Color
Hex	36223B
RGB	54, 34, 59
RGB Percent	21%, 13%, 23%
CMY	0.7882, 0.8667, 0.7686
CMYK	0.08, 0.42, 0.00, 0.77
HSL	288°, 27%, 18%
HSV	288°, 42%, 23%
XYZ	2.8828, 2.2441, 4.4189
YIQ	42.8300, 3.8950, 12.0150

Conversions

Conversions Part 2

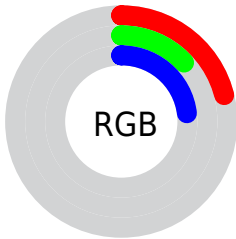
Format	Color
R_{YB}	54, 34, 59
Decimal	3547707
CIE _{Lab}	16.72, 14.90, -12.32
CIE _{LCh}	17, 19.330, 320.415
Yxy	2.2441, 0.3020, 0.2351
Android (android.graphics.Color)	4281737787 (0xFF36223B)
YUV	42.8300, 7.9718, 9.7961
Hunter-Lab	14.9803, 8.1345, -7.0032

Details

The Hex color **36223B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **273B22**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **654F6A**, and **00000F** is the 20% darker color. If you saturate the color by 10%, you get **351C3B**, and if you desaturate by 10%, it is **37283B**.

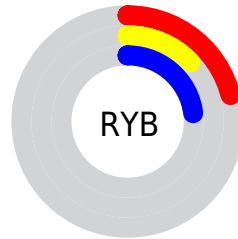
Distribution



Red (21%)

Green (13%)

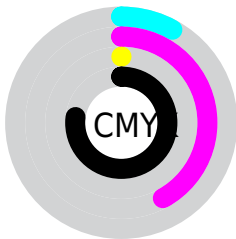
Blue (23%)



Red (21%)

Yellow (13%)

Blue (23%)

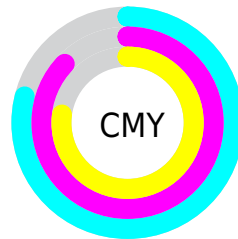


Cyan (8%)

Magenta (42%)

Yellow (0%)

Black (77%)



Cyan (79%)

Magenta (87%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36223B 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 36223B by changing the saturation by 10% instead.



36223B



36223B

FFFFFF



200D25



654F6A



00000F



7E6784



000000



99809E



B39AB9



CFB5D4



EBD1F1



FFEDFF



36223B



36223B

■ 351C3B

■ 37283B

■ 34163B

■ 382E3B

■ 32103B

■ 3A343B

■ 310A3B

■ 3B3A3B

■ 30043B

■ 3C3F3B

■ 2F003B

■ 3D453B

■ 3E4B3B

■ 3F513B

■ 41573B

Harmonies

Analogous

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



232743



36223B



411E2E

Triad

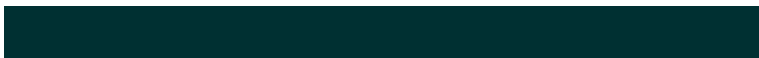
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36223B



35270D



003032

Complementary

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



36223B



273B22

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.



003024



36223B



282B0E

Square

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



36223B



3F2214



182E17



002F3E

Rectangle

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



36223B



431E25



182E17



00302E

Sweetspot

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



36223B



4B434D



22273B



252026



A6A6A6



262626

Same Dimension

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



36223B



45254D



3B2234



1E1C1F



4B005E



B100DE

Inverse Universe

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



3B2227



4D252D



223B2A



1F1C1C



5E0013



DE002C

Previews

White Background



This preview shows how the Hex color 36223B looks on a white background.

Color Contrast Check

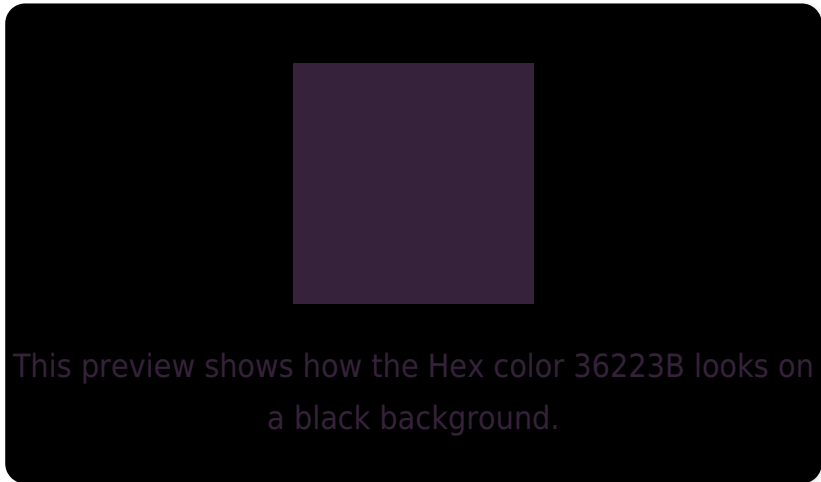
Large Text (above 18pt) WCAG AA ✓ Pass

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

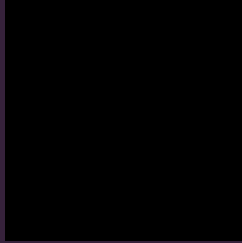
Any Text WCAG AA × Fail

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 36223B Background



This preview shows how black text looks on a background with the Hex color 36223B.



This preview shows how white text looks on a background with the Hex color 36223B.

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
36223B

Protanopia
212941

Deuteranopia
24293A



Tritanopia
332629

Trichromacy



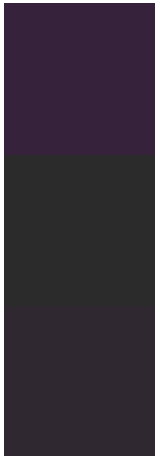
Original Color
36223B

Protanomaly
29263F

Deuteranomaly
2B263A

Tritanomaly
342530

Monochromacy



Original Color
36223B

Achromatopsia
2B2B2B

Achromatomaly
2F2831

CSS Examples

Text

The CSS property to change the color of the text to Hex 36223B 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 #36223B looks like.

```
.text, #text, p{  
    color:#36223B  
}
```

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 #36223B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36223B
}
```

Border

The CSS property to change the border of an element to Hex 36223B 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
#36223B }
```

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

```
.border{ border-color:#36223B }
```

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

Here you see how a box with a 4 pixel #36223B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36223B; -webkit-box-shadow:4px 4px  
4px 4px #36223B; box-shadow:4px 4px 4px  
4px #36223B }
```

Background

The CSS property to change the background color of an element to Hex 36223B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36223B }
```

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

```
.background{ background-color:#36223B }
```

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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