

Converting Colors

Hex(23346B)

Have a look what the booklet for
Hex(23346B) contains.

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Color

Hex(23346B)

Conversions

Conversions Part 1

Format	Color
Hex	23346B
RGB	35, 52, 107
RGB Percent	14%, 20%, 42%
CMY	0.8627, 0.7961, 0.5804
CMYK	0.67, 0.51, 0.00, 0.58
HSL	226°, 51%, 28%
HSV	226°, 67%, 42%
XYZ	4.5750, 3.8748, 14.4167
YIQ	53.1870, -27.7870, 13.5010

Conversions

Conversions Part 2

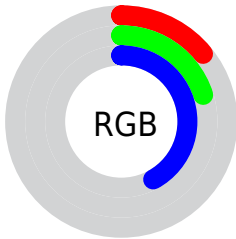
Format	Color
R_{YB}	35, 49, 107
Decimal	2307179
CIE _{Lab}	23.25, 12.69, -34.26
CIE _{LCh}	23, 36.532, 290.319
Yxy	3.8748, 0.2001, 0.1695
Android (android.graphics.Color)	4280497259 (0xFF23346B)
YUV	53.1870, 26.5298, -15.9500
Hunter-Lab	19.6846, 7.0377, -29.6438

Details

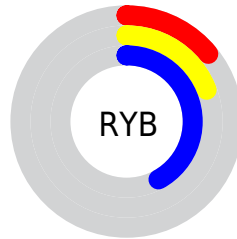
The Hex color **23346B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6B5A23**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **58629F**, and **00073B** is the 20% darker color. If you saturate the color by 10%, you get **182C6B**, and if you desaturate by 10%, it is **2E3C6B**.

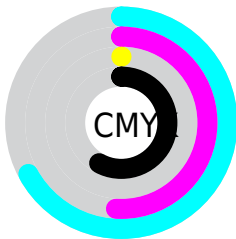
Distribution



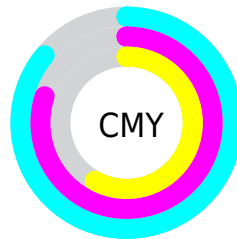
- Red (14%)
- Green (20%)
- Blue (42%)



- Red (14%)
- Yellow (19%)
- Blue (42%)



- Cyan (67%)
- Magenta (51%)
- Yellow (0%)
- Black (58%)



- Cyan (86%)
- Magenta (80%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23346B 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 23346B by changing the saturation by 10% instead.

■ 23346B

■ 23346B

FFFFFF

■ 001F52

■ 58629F

■ 00073B

■ 727BBA

■ 000225

■ 8D95D6

■ 00010D

■ A9AFF2

■ 000000

■ C5CBFF

■ E1E7FF

FEFFFF

■ 23346B

■ 23346B

■ 182C6B

■ 2E3C6B

■ 0E246B

■ 38446B

■ 031B6B

■ 434D6B

■ 00196B

■ 4E556B

■ 595D6B

■ 63656B

■ 6E6D6B

■ 79756B

■ 837E6B

Harmonies

Analogous

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



003D6D



23346B



4F275B

Triad

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



23346B



5E270D



00432D

Complementary

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



23346B



6B5A23

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.



0C4112



23346B



4C3300

Square

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



23346B



671C26



333C00



00444A

Rectangle

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



23346B



5F1F4A



333C00



004324

Sweetspot

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



23346B



70778C



236B59



363A47



C7C7C7



474747

Same Dimension

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



23346B



1B358C



35236B



303136



001C75



003AF5

Inverse Universe

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



6B2334



8C1B35



596B23



363031



75001C



F5003A

Previews

White Background



This preview shows how the Hex color 23346B looks on a white background.

Color Contrast Check

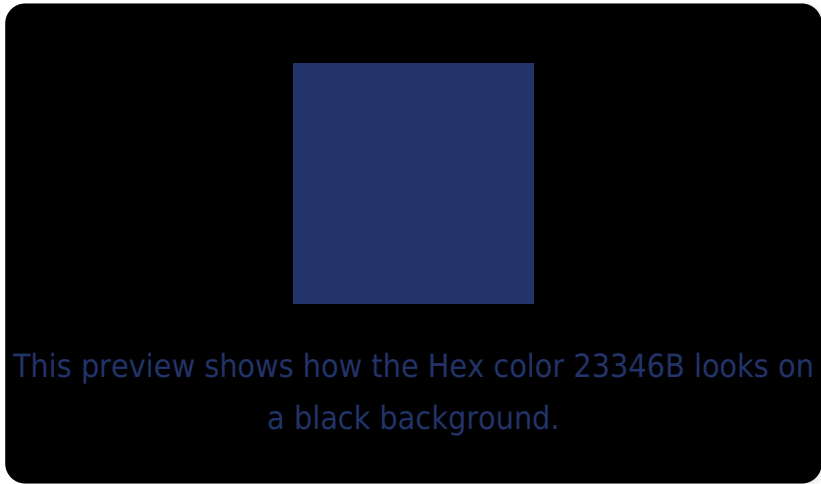
Large Text (above 18pt) WCAG AA ✓ Pass

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

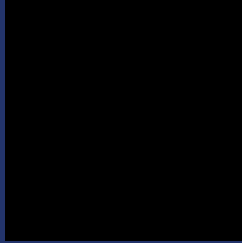
Any Text WCAG AA × Fail

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 23346B Background



This preview shows how black text looks on a background with the Hex color 23346B.



This preview shows how white text looks on a background with the Hex color 23346B.

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
23346B

Protanopia
15366D

Deuteranopia
003963



Tritanopia
003E42

Trichromacy



Original Color
23346B

Protanomaly
1A356C

Deuteranomaly
0D3766

Tritanomaly
0D3A51

Monochromacy



Original Color
23346B

Achromatopsia
353535

Achromatomaly
2E3549

CSS Examples

Text

The CSS property to change the color of the text to Hex 23346B 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 #23346B looks like.

```
.text, #text, p{  
  color:#23346B  
}
```

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 #23346B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23346B
}
```

Border

The CSS property to change the border of an element to Hex 23346B 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
#23346B }
```

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

```
.border{ border-color:#23346B }
```

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

Here you see how a box with a 4 pixel #23346B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23346B; -webkit-box-shadow:4px 4px  
4px 4px #23346B; box-shadow:4px 4px 4px  
4px #23346B }
```

Background

The CSS property to change the background color of an element to Hex 23346B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23346B }
```

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

```
.background{ background-color:#23346B }
```

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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