

# Converting Colors

Hex(23286C)

Have a look what the booklet for  
Hex(23286C) contains.

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# Color

Hex(23286C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	23286C
RGB	35, 40, 108
RGB Percent	14%, 16%, 42%
CMY	0.8627, 0.8431, 0.5765
CMYK	0.68, 0.63, 0.00, 0.58
HSL	236°, 51%, 28%
HSV	236°, 68%, 42%
XYZ	4.1587, 2.9576, 14.5390
YIQ	46.2570, -24.8080, 20.0880

# Conversions

## Conversions Part 2

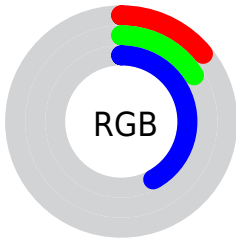
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 40, 108
Decimal	2304108
CIE <sub>Lab</sub>	19.87, 21.56, -40.37
CIE <sub>LCh</sub>	20, 45.771, 298.104
Yxy	2.9576, 0.1920, 0.1366
Android (android.graphics.Color)	4280494188 (0xFF23286C)
YUV	46.2570, 30.4393, -9.8724
Hunter-Lab	17.1977, 13.0683, -38.0857




# Details

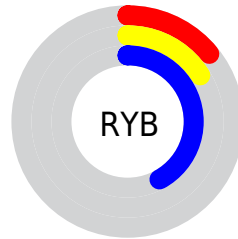
The Hex color **23286C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C6723**, and the grayscale version is **2E2E2E**.




A 20% lighter version of the original color is **5955A0**, and **00003C** is the 20% darker color. If you saturate the color by 10%, you get **181E6C**, and if you desaturate by 10%, it is **2E326C**.

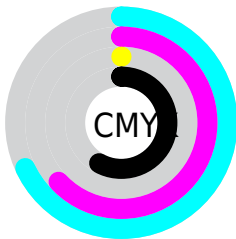
# Distribution







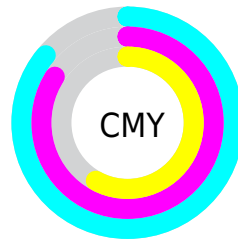
-  Red (14%)
-  Green (16%)
-  Blue (42%)






-  Red (14%)
-  Yellow (16%)
-  Blue (42%)



-  Cyan (68%)
-  Magenta (63%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (86%)
-  Magenta (84%)
-  Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23286C 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 23286C by changing the saturation by 10% instead.



■ 23286C

■ 23286C

FFFFFF

■ 001453

■ 5955A0

■ 00003C

■ 746DBB

■ 000225

■ 8F87D7

■ 00010D

■ AAA1F4

■ 000000

■ C6BCFF

■ E3D8FF

■ FFF4FF

■ 23286C

■ 23286C

■ 181E6C

■ 2E326C

■ 0D146C

■ 393C6C

■ 030A6C

■ 43466C

■ 00076C

■ 4E506C

■ 595A6C

■ 64646C

■ 6F6E6C

■ 79786C

■ 84836C

# Harmonies

## Analogous

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



003574



23286C



551154

# Triad

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



23286C



571F00



003D2D

# Complementary

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



23286C



6C6723

# 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.



003B07



23286C



3E2E00

# Square

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



23286C



660413



1D3700



003E4F

# Rectangle

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



23286C



63003F



1D3700



003D21



# Sweetspot

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



23286C



70728C



236C66



363747



C7C7C7



474747



# Same Dimension

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



23286C



1B228C



41236C



303136



000875



0011F5



# Inverse Universe

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



6C2328



8C1B22



4E6C23



363031



750008



F50011



# Previews

## White Background



This preview shows how the Hex color 23286C looks on a white background.

## Color Contrast Check

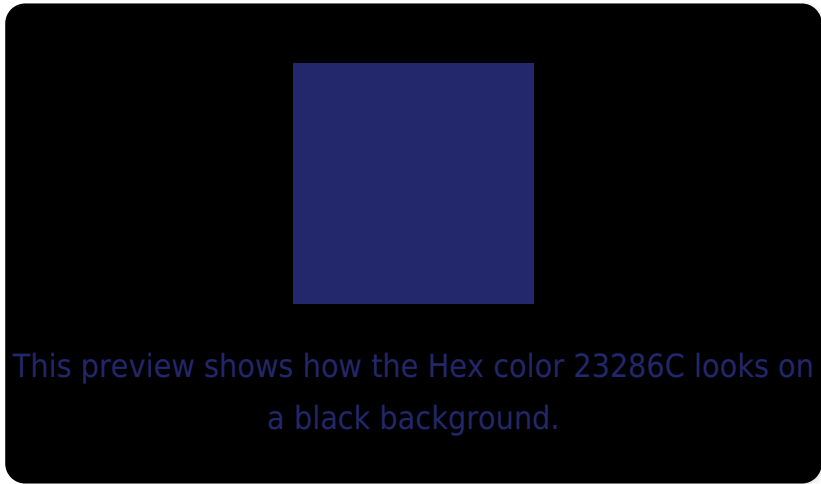
Large Text (above 18pt) WCAG AA ✓ Pass

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

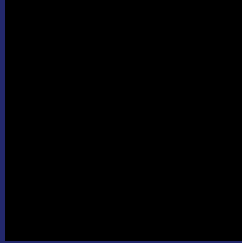
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 23286C Background



This preview shows how black text looks on a background with the Hex color 23286C.



This preview shows how white text looks on a background with the Hex color 23286C.

# 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**  
23286C

**Protanopia**  
002F63

**Deuteranopia**  
003255



**Tritanopia**  
00363A

# Trichromacy



**Original Color**  
23286C

**Protanomaly**  
0D2C66

**Deuteranomaly**  
0D2E5D

**Tritanomaly**  
0D314C

# Monochromacy



**Original Color**  
23286C

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
2A2C45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23286C 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 #23286C looks like.

```
.text, #text, p{  
    color:#23286C  
}
```

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 #23286C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23286C
}
```

## Border

The CSS property to change the border of an element to Hex 23286C 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".

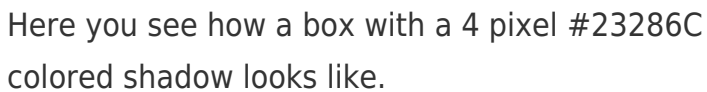
```
.border, #border, table{ border:4px solid
#23286C }
```

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

```
.border{ border-color:#23286C }
```

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

Here you see how a box with a 4 pixel #23286C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23286C; -webkit-box-shadow:4px 4px  
4px 4px #23286C; box-shadow:4px 4px 4px  
4px #23286C }
```

# Background

The CSS property to change the background color of an element to Hex 23286C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23286C }
```

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

```
.background{ background-color:#23286C }
```

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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