

Converting Colors

Hex(23385C)

Have a look what the booklet for
Hex(23385C) contains.

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Color

Hex(23385C)

Conversions

Conversions Part 1

Format	Color
Hex	23385C
RGB	35, 56, 92
RGB Percent	14%, 22%, 36%
CMY	0.8627, 0.7804, 0.6392
CMYK	0.62, 0.39, 0.00, 0.64
HSL	218°, 45%, 25%
HSV	218°, 62%, 36%
XYZ	4.0391, 3.9584, 10.6764
YIQ	53.8250, -24.0720, 6.7440

Conversions

Conversions Part 2

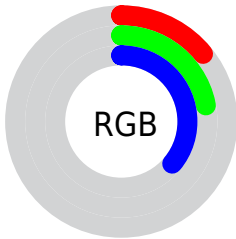
Format	Color
R_{YB}	35, 50, 92
Decimal	2308188
CIE _{Lab}	23.53, 4.08, -24.06
CIE _{LCh}	24, 24.408, 279.622
Yxy	3.9584, 0.2163, 0.2120
Android (android.graphics.Color)	4280498268 (0xFF23385C)
YUV	53.8250, 18.8203, -16.5095
Hunter-Lab	19.8957, 1.4204, -17.8891

Details

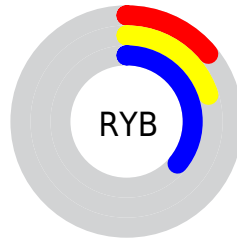
The Hex color **23385C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C4723**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **55678F**, and **000D2E** is the 20% darker color. If you saturate the color by 10%, you get **1A325C**, and if you desaturate by 10%, it is **2C3E5C**.

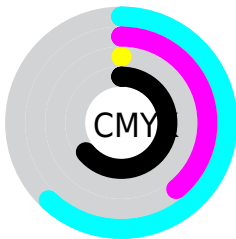
Distribution



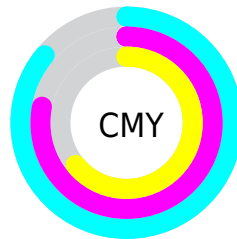
- Red (14%)
- Green (22%)
- Blue (36%)



- Red (14%)
- Yellow (20%)
- Blue (36%)



- Cyan (62%)
- Magenta (39%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23385C 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 23385C by changing the saturation by 10% instead.

■ 23385C

■ 23385C

FFFFFF

■ 062344

■ 55678F

■ 000D2E

■ 6E80A9

■ 000119

■ 8999C4

■ 000000

■ A4B4E0

■ BFD0FD

■ DBECFF

■ F8FFFF

■ 23385C

■ 23385C

■ 1A325C

■ 2C3E5C

■ 112C5C

■ 35445C

■ 07275C

■ 3F495C

■ 00225C

■ 484F5C

■ 51555C

■ 5A5B5C

■ 63615C

■ 6D665C

■ 766C5C

Harmonies

Analogous

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



003D5A



23385C



413154

Triad

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



23385C



572C22



0D402B

Complementary

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



23385C



5C4723

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.



293E1B



23385C



4D3315

Square

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



23385C



5A2833



3D3912



00413E

Rectangle

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



23385C



4E2C4B



3D3912



194025

Sweetspot

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



23385C



616978



235C46



2F343D



BDBDBD



3D3D3D

Same Dimension

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



23385C



1F4078



2A235C



292B2E



00286E



0057ED

Inverse Universe

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



5C2338



781F40



555C23



2E292B



6E0028



ED0057

Previews

White Background



This preview shows how the Hex color 23385C looks on a white background.

Color Contrast Check

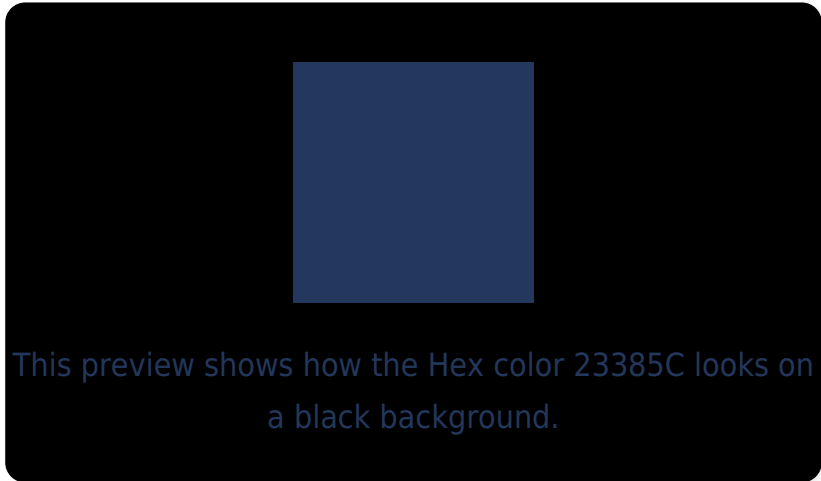
Large Text (above 18pt) WCAG AA ✓ Pass

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

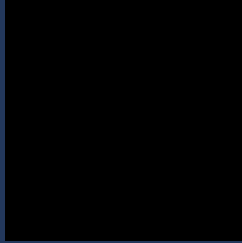
Any Text WCAG AA × Fail

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 23385C Background



This preview shows how black text looks on a background with the Hex color 23385C.



This preview shows how white text looks on a background with the Hex color 23385C.

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
23385C

Protanopia
2A375B

Deuteranopia
21385C



Tritanopia
163D42

Trichromacy



Original Color
23385C

Protanomaly
27375B

Deuteranomaly
22385C

Tritanomaly
1B3B4B

Monochromacy



Original Color
23385C

Achromatopsia
363636

Achromatomaly
2F3744

CSS Examples

Text

The CSS property to change the color of the text to Hex 23385C 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 #23385C looks like.

```
.text, #text, p{  
    color:#23385C  
}
```

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 #23385C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23385C
}
```

Border

The CSS property to change the border of an element to Hex 23385C 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
#23385C }
```

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

```
.border{ border-color:#23385C }
```

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

Here you see how a box with a 4 pixel #23385C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23385C; -webkit-box-shadow:4px 4px  
4px 4px #23385C; box-shadow:4px 4px 4px  
4px #23385C }
```

Background

The CSS property to change the background color of an element to Hex 23385C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23385C }
```

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

```
.background{ background-color:#23385C }
```

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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