

Converting Colors

Hex(23576B)

Have a look what the booklet for
Hex(23576B) contains.

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Color

Hex(23576B)

Conversions

Conversions Part 1

Format	Color
Hex	23576B
RGB	35, 87, 107
RGB Percent	14%, 34%, 42%
CMY	0.8627, 0.6588, 0.5804
CMYK	0.67, 0.19, 0.00, 0.58
HSL	197°, 51%, 28%
HSV	197°, 67%, 42%
XYZ	6.7552, 8.2353, 15.1434
YIQ	73.7320, -37.4120, -4.8040

Conversions

Conversions Part 2

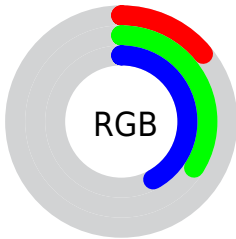
Format	Color
R_{YB}	35, 65, 107
Decimal	2316139
CIE _{Lab}	34.47, -10.42, -16.61
CIE _{LCh}	34, 19.608, 237.885
Yxy	8.2353, 0.2242, 0.2733
Android (android.graphics.Color)	4280506219 (0xFF23576B)
YUV	73.7320, 16.4011, -33.9680
Hunter-Lab	28.6971, -8.2019, -11.1993

Details

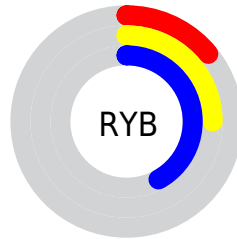
The Hex color **23576B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B3723**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **58899E**, and **002A3C** is the 20% darker color. If you saturate the color by 10%, you get **18546B**, and if you desaturate by 10%, it is **2E5A6B**.

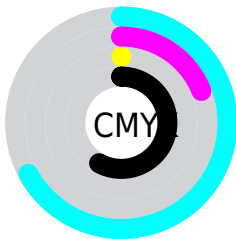
Distribution



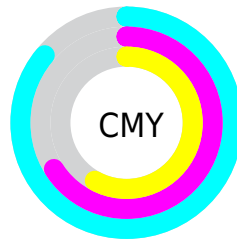
- Red (14%)
- Green (34%)
- Blue (42%)



- Red (14%)
- Yellow (25%)
- Blue (42%)



- Cyan (67%)
- Magenta (19%)
- Yellow (0%)
- Black (58%)



- Cyan (86%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23576B 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 23576B by changing the saturation by 10% instead.

■ 23576B

■ 23576B

FFFFFF

■ 004053

■ 58899E

■ 002A3C

■ 73A3B9

■ 001626

■ 8EBED5

■ 000110

■ A9DAF1

■ 000000

■ C5F7FF

■ E2FFFF

■ 23576B

■ 23576B

■ 18546B

■ 2E5A6B

■ 0E516B

■ 385D6B

■ 034E6B

■ 43606B

■ 004D6B

■ 4E636B

■ 59666B

■ 63696B

■ 6E6C6B

■ 796F6B

■ 83726B

Harmonies

Analogous

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



1B595F



23576B



3A5370

Triad

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



23576B



6E4553



4D5435

Complementary

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



23576B



6B3723

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.



5D5032



23576B



704643

Square

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



23576B



644862



694A37



3A5840

Rectangle

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



23576B



4A4F6F



694A37



525333

Sweetspot

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



23576B



70848C



236B36



364347



C7C7C7



474747

Same Dimension

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



23576B



1B6D8C



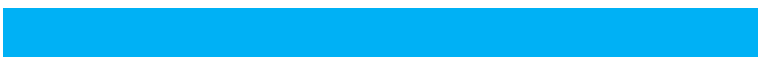
23346B



303436



005575



00B1F5

Inverse Universe

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



6B2357



8C1B6D



6B5A23



363034



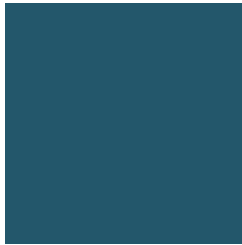
750055



F500B1

Previews

White Background



This preview shows how the Hex color 23576B looks on a white background.

Color Contrast Check

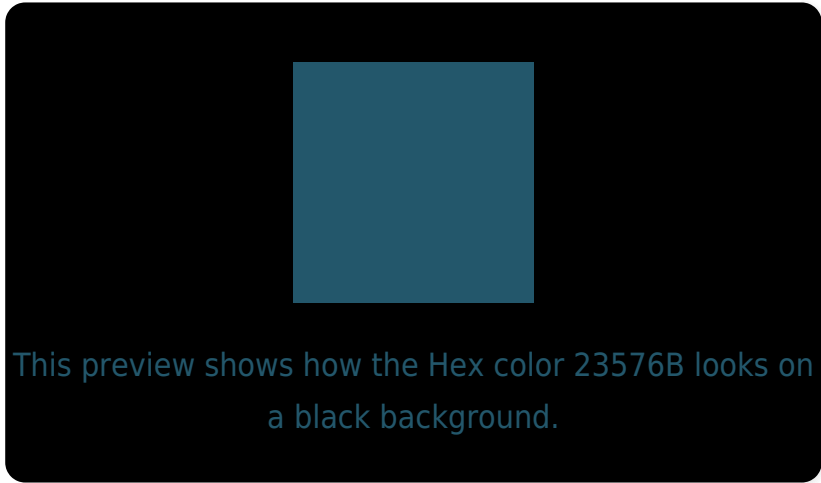
Large Text (above 18pt) WCAG AA ✓ Pass

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

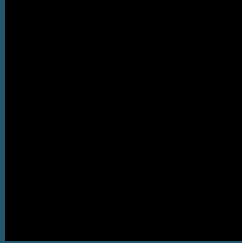
Any Text WCAG AA × Fail

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 23576B Background



This preview shows how black text looks on a background with the Hex color 23576B.

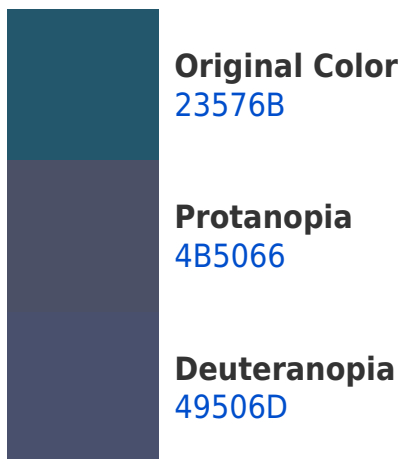


This preview shows how white text looks on a background with the Hex color 23576B.

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](#).

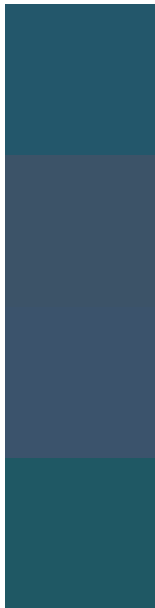
Dichromacy





Tritanopia
1D5960

Trichromacy



Original Color
23576B

Protanomaly
3C5368

Deuteranomaly
3B536C

Tritanomaly
1F5864

Monochromacy



Original Color
23576B

Achromatopsia
4A4A4A

Achromatomaly
3C4F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 23576B 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 #23576B looks like.

```
.text, #text, p{  
    color:#23576B  
}
```

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 #23576B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23576B
}
```

Border

The CSS property to change the border of an element to Hex 23576B 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
#23576B }
```

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

```
.border{ border-color:#23576B }
```

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

Here you see how a box with a 4 pixel #23576B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23576B; -webkit-box-shadow:4px 4px  
4px 4px #23576B; box-shadow:4px 4px 4px  
4px #23576B }
```

Background

The CSS property to change the background color of an element to Hex 23576B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23576B }
```

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

```
.background{ background-color:#23576B }
```

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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