

Converting Colors

Hex(23565F)

Have a look what the booklet for
Hex(23565F) contains.

Hex(23565F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(23565F)

Conversions

Conversions Part 1

Format	Color
Hex	23565F
RGB	35, 86, 95
RGB Percent	14%, 34%, 37%
CMY	0.8627, 0.6627, 0.6275
CMYK	0.63, 0.09, 0.00, 0.63
HSL	189°, 46%, 25%
HSV	189°, 63%, 37%
XYZ	6.0865, 7.8391, 12.0188
YIQ	71.7770, -33.2850, -8.0130

Conversions

Conversions Part 2

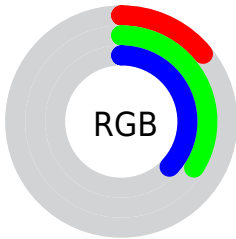
Format	Color
R_{YB}	35, 63, 95
Decimal	2315871
CIE _{Lab}	33.65, -13.95, -10.34
CIE _{LCh}	34, 17.368, 216.553
Yxy	7.8391, 0.2346, 0.3022
Android (android.graphics.Color)	4280505951 (0xFF23565F)
YUV	71.7770, 11.4489, -32.2534
Hunter-Lab	27.9984, -10.1938, -5.8523

Details

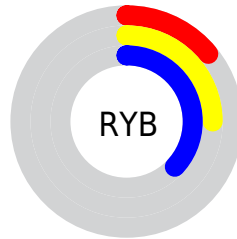
The Hex color **23565F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F2C23**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **578891**, and **002931** is the 20% darker color. If you saturate the color by 10%, you get **19555F**, and if you desaturate by 10%, it is **2D575F**.

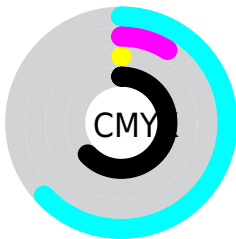
Distribution



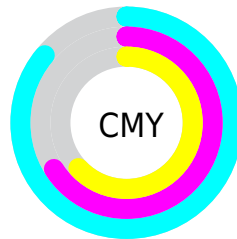
- Red (14%)
- Green (34%)
- Blue (37%)



- Red (14%)
- Yellow (25%)
- Blue (37%)



- Cyan (63%)
- Magenta (9%)
- Yellow (0%)
- Black (63%)



- Cyan (86%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23565F 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 23565F by changing the saturation by 10% instead.

■ 23565F

■ 23565F

FFFFFF

■ 033F47

■ 578891

■ 002931

■ 71A2AC

■ 00151C

■ 8BBDC7

■ 000000

■ A6D9E3

■ C2F6FF

■ DFFFFF

■ FFFFFFFF

■ 23565F

■ 23565F

■ 19555F

■ 2D575F

■ 10535F

■ 36595F

■ 06525F

■ 405A5F

■ 00515F

■ 495C5F

■ 535D5F

■ 5C5F5F

■ 66605F

■ 6F615F

■ 79635F

Harmonies

Analogous

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



285752



23565F



2E5368

Triad

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



23565F



63465A



564F34

Complementary

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



23565F



5F2C23

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.



624B36



23565F



6A454D

Square

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



23565F



554B65



69473F



475339

Rectangle

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



23565F



3B516A



69473F



5A4E34

Sweetspot

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



23565F



63777A



235F2C



2F3B3D



BDBDBD



3D3D3D

Same Dimension

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



23565F



1D6C7A



23385F



2C3030



005F70



00CCF0

Inverse Universe

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



5F2356



7A1D6C



5F4A23



302C30



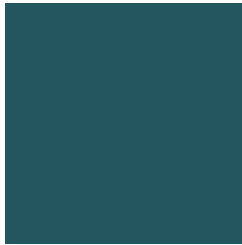
70005F



F000CC

Previews

White Background



This preview shows how the Hex color 23565F looks on a white background.

Color Contrast Check

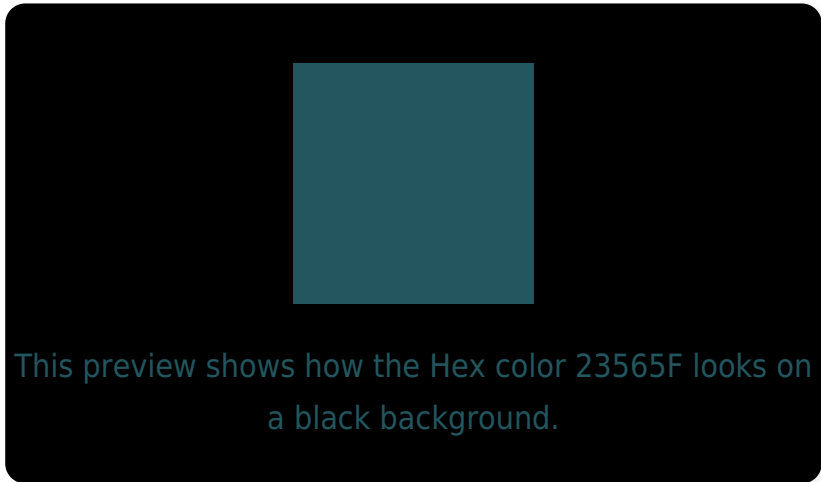
Large Text (above 18pt) WCAG AA ✓ Pass

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

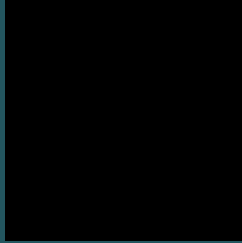
Any Text WCAG AA × Fail

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 23565F Background



This preview shows how black text looks on a background with the Hex color 23565F.



This preview shows how white text looks on a background with the Hex color 23565F.

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

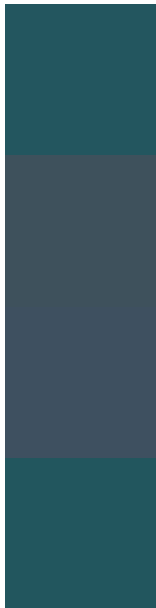


Original Color
23565F

Protanopia
4D4E5A

Deuteranopia
4D4D61

Trichromacy



Original Color
23565F

Protanomaly
3E515C

Deuteranomaly
3E5060

Tritanomaly
22565E

Monochromacy



Original Color
23565F

Achromatopsia
484848

Achromatomaly
3B4D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 23565F 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 #23565F looks like.

```
.text, #text, p{  
    color:#23565F  
}
```

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 #23565F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23565F  
}
```

Border

The CSS property to change the border of an element to Hex 23565F 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  
#23565F }
```

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

```
.border{ border-color:#23565F }
```

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

Here you see how a box with a 4 pixel #23565F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23565F; -webkit-box-shadow:4px 4px  
4px 4px #23565F; box-shadow:4px 4px 4px  
4px #23565F }
```

Background

The CSS property to change the background color of an element to Hex 23565F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23565F }
```

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

```
.background{ background-color:#23565F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor