

Converting Colors

Hex(23685A)

Have a look what the booklet for
Hex(23685A) contains.

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Color

Hex(23685A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 23685A |
| RGB | 35, 104, 90 |
| RGB Percent | 14%, 41%, 35% |
| CMY | 0.8627, 0.5922, 0.6471 |
| CMYK | 0.66, 0.00, 0.13, 0.59 |
| HSL | 168°, 50%, 27% |
| HSV | 168°, 66%, 41% |
| XYZ | 7.4889, 10.9961, 11.4006 |
| YIQ | 81.7730, -36.6300, -18.9820 |

Conversions

Conversions Part 2

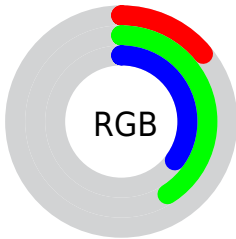
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 35, 73, 104 |
| Decimal | 2320474 |
| CIELab | 39.57, -25.19, 1.55 |
| CIELCh | 40, 25.237, 176.475 |
| Yxy | 10.9961, 0.2506, 0.3679 |
| Android (android.graphics.Color) | 4280510554 (0xFF23685A) |
| YUV | 81.7730, 4.0559, -41.0199 |
| Hunter-Lab | 33.1604, -17.7185, 2.8283 |

Details

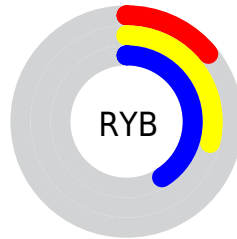
The Hex color **23685A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **682331**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **599C8C**, and **00382D** is the 20% darker color. If you saturate the color by 10%, you get **196858**, and if you desaturate by 10%, it is **2D685C**.

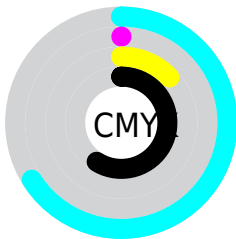
Distribution



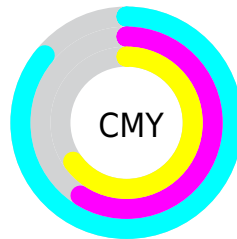
- Red (14%)
- Green (41%)
- Blue (35%)



- Red (14%)
- Yellow (29%)
- Blue (41%)



- Cyan (66%)
- Magenta (0%)
- Yellow (13%)
- Black (59%)



- Cyan (86%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23685A 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 23685A by changing the saturation by 10% instead.



23685A



23685A

FFFFFF



005043



599C8C



00382D



73B7A6



002318



8ED2C1



000000



AAEFDD



C6FFFA



E2FFFF



23685A



23685A



196858



2D685C

■ 0E6856

■ 38685E

■ 046854

■ 426860

■ 006853

■ 4D6862

■ 576865

■ 616867

■ 6C6869

■ 76686B

■ 81686D

Harmonies

Analogous

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



406646



23685A



00686F

Triad

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



23685A



5C5982



7D543C

Complementary

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



23685A



682331

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.



854E4C



23685A



755274

Square

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



23685A



3A6086



834D60



6D5B34

Rectangle

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



23685A



01667A



834D60



805240

Sweetspot

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



23685A



6C8782



326823



344541



C4C4C4



454545

Same Dimension

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



23685A



1B8771



235468



2E3332



00735B



00F2C1

Inverse Universe

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



682331



871B31



683723



332E2F



730017



F20031

Previews

White Background



This preview shows how the Hex color 23685A looks on a white background.

Color Contrast Check

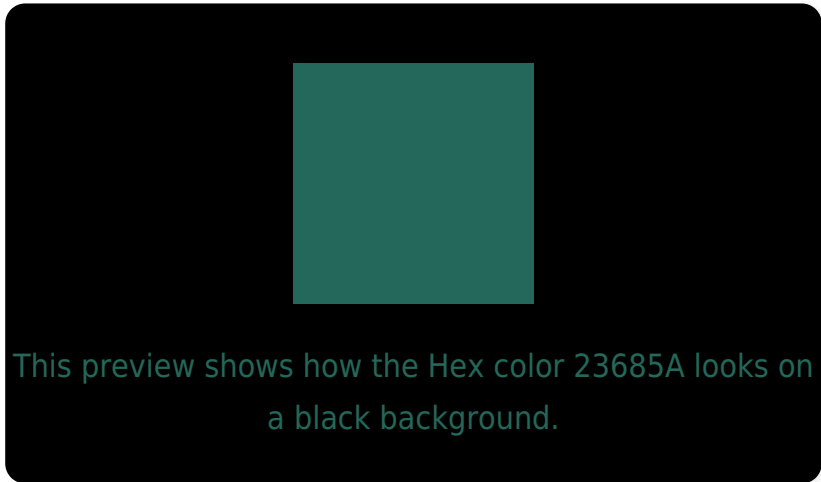
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

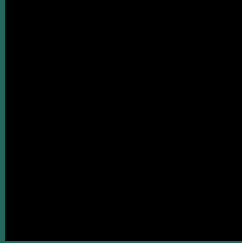
Any Text WCAG AA × Fail

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 23685A Background



This preview shows how black text looks on a background with the Hex color 23685A.



This preview shows how white text looks on a background with the Hex color 23685A.

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
23685A

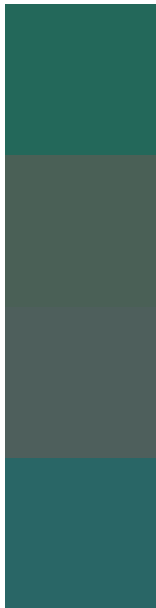
Protanopia
615C54

Deuteranopia
665A5D



Tritanopia
2C656D

Trichromacy



Original Color
23685A

Protanomaly
4A6056

Deuteranomaly
4E5F5C

Tritanomaly
296666

Monochromacy



Original Color
23685A

Achromatopsia
525252

Achromatomaly
415A55

CSS Examples

Text

The CSS property to change the color of the text to Hex 23685A 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 #23685A looks like.

```
.text, #text, p{  
    color:#23685A  
}
```

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 #23685A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23685A
}
```

Border

The CSS property to change the border of an element to Hex 23685A 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
#23685A }
```

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

```
.border{ border-color:#23685A }
```

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

Here you see how a box with a 4 pixel #23685A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23685A; -webkit-box-shadow:4px 4px  
4px 4px #23685A; box-shadow:4px 4px 4px  
4px #23685A }
```

Background

The CSS property to change the background color of an element to Hex 23685A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23685A }
```

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

```
.background{ background-color:#23685A }
```

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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