

Converting Colors

Hex(23705B)

Have a look what the booklet for
Hex(23705B) contains.

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Color

Hex(23705B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 23705B |
| RGB | 35, 112, 91 |
| RGB Percent | 14%, 44%, 36% |
| CMY | 0.8627, 0.5608, 0.6431 |
| CMYK | 0.69, 0.00, 0.19, 0.56 |
| HSL | 164°, 52%, 29% |
| HSV | 164°, 69%, 44% |
| XYZ | 8.3756, 12.7010, 11.9076 |
| YIQ | 86.5830, -39.1510, -22.8550 |

Conversions

Conversions Part 2

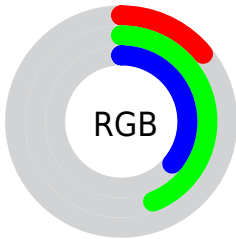
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 35, 80, 112 |
| Decimal | 2322523 |
| CIE _{Lab} | 42.31, -28.83, 4.89 |
| CIE _{LCh} | 42, 29.245, 170.373 |
| Yxy | 12.7010, 0.2539, 0.3851 |
| Android (android.graphics.Color) | 4280512603 (0xFF23705B) |
| YUV | 86.5830, 2.1776, -45.2383 |
| Hunter-Lab | 35.6385, -20.4168, 5.1368 |

Details

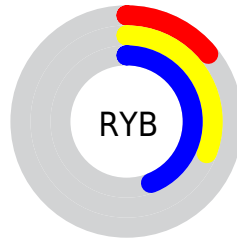
The Hex color **23705B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **702338**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5AA48D**, and **003F2D** is the 20% darker color. If you saturate the color by 10%, you get **187058**, and if you desaturate by 10%, it is **2E705E**.

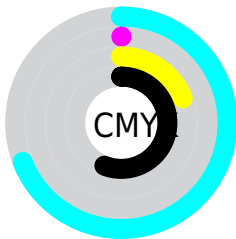
Distribution



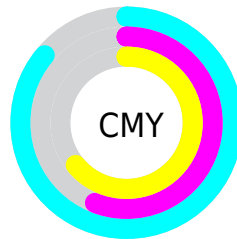
- Red (14%)
- Green (44%)
- Blue (36%)



- Red (14%)
- Yellow (31%)
- Blue (44%)



- Cyan (69%)
- Magenta (0%)
- Yellow (19%)
- Black (56%)



- Cyan (86%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23705B 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 23705B by changing the saturation by 10% instead.



23705B



23705B

FFFFFF



005744



5AA48D



003F2D



75C0A7



002919



90DCC3



000F00



ACF8DF



000000



C8FFFB



E5FFFF



23705B



23705B



187058



2E705E

■ 0D7055

■ 397061

■ 017052

■ 457064

■ 007051

■ 507067

■ 5B706A

■ 66706D

■ 717070

■ 7D7073

■ 887076

Harmonies

Analogous

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



476D44



23705B



007074

Triad

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



23705B



5A6191



8B5740

Complementary

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



23705B



702338

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.



925154



23705B



7A5883

Square

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



23705B



2D6993



8D516D



7A6034

Rectangle

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



23705B



006F82



8D516D



8F5546

Sweetspot

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



23705B



739189



397023



374A45



C9C9C9



4A4A4A

Same Dimension

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



23705B



199170



235F70



323837



007857



00F7B4

Inverse Universe

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



702338



91193A



703423



383234



780021



F70043

Previews

White Background



This preview shows how the Hex color 23705B looks on a white background.

Color Contrast Check

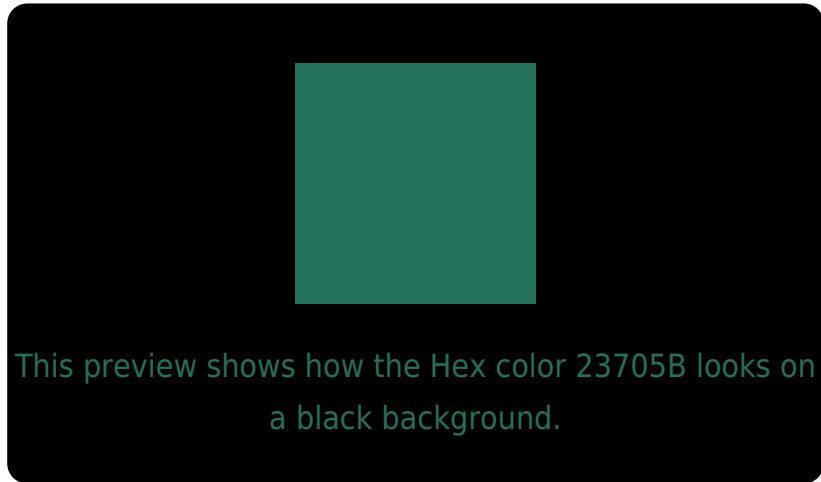
Large Text (above 18pt) WCAG AA ✓ Pass

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

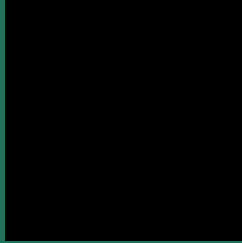
Any Text WCAG AA × Fail

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 23705B Background



This preview shows how black text looks on a background with the Hex color 23705B.



This preview shows how white text looks on a background with the Hex color 23705B.

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
23705B

Protanopia
696354

Deuteranopia
6F605E



Tritanopia
2F6C75

Trichromacy



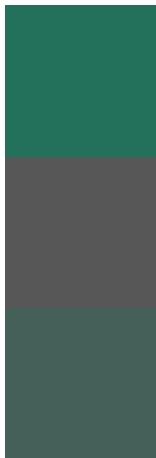
Original Color
23705B

Protanomaly
506857

Deuteranomaly
53665D

Tritanomaly
2B6D6C

Monochromacy



Original Color
23705B

Achromatopsia
575757

Achromatomaly
446058

CSS Examples

Text

The CSS property to change the color of the text to Hex 23705B 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 #23705B looks like.

```
.text, #text, p{  
    color:#23705B  
}
```

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 #23705B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23705B
}
```

Border

The CSS property to change the border of an element to Hex 23705B 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
#23705B }
```

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

```
.border{ border-color:#23705B }
```

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

Here you see how a box with a 4 pixel #23705B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23705B; -webkit-box-shadow:4px 4px  
4px 4px #23705B; box-shadow:4px 4px 4px  
4px #23705B }
```

Background

The CSS property to change the background color of an element to Hex 23705B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23705B }
```

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

```
.background{ background-color:#23705B }
```

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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