

Converting Colors

Hex(255765)

Have a look what the booklet for
Hex(255765) contains.

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Color

Hex(255765)

Conversions

Conversions Part 1

Format	Color
Hex	255765
RGB	37, 87, 101
RGB Percent	15%, 34%, 40%
CMY	0.8549, 0.6588, 0.6039
CMYK	0.63, 0.14, 0.00, 0.60
HSL	193°, 46%, 27%
HSV	193°, 63%, 40%
XYZ	6.5201, 8.1493, 13.5412
YIQ	73.6460, -34.2940, -6.2460

Conversions

Conversions Part 2

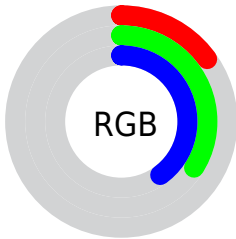
Format	Color
RYB	37, 65, 101
Decimal	2447205
CIELab	34.29, -12.10, -13.12
CIELCh	34, 17.845, 227.328
Yxy	8.1493, 0.2311, 0.2889
Android (android.graphics.Color)	4280637285 (0xFF255765)
YUV	73.6460, 13.4855, -32.1385
Hunter-Lab	28.5470, -9.1879, -8.1413

Details

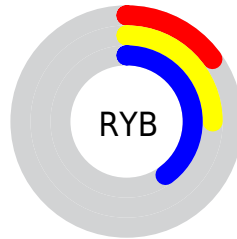
The Hex color **255765** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **653325**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **598998**, and **002A36** is the 20% darker color. If you saturate the color by 10%, you get **1B5565**, and if you desaturate by 10%, it is **2F5965**.

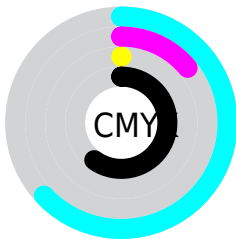
Distribution



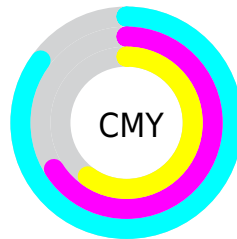
- Red (15%)
- Green (34%)
- Blue (40%)



- Red (15%)
- Yellow (25%)
- Blue (40%)



- Cyan (63%)
- Magenta (14%)
- Yellow (0%)
- Black (60%)



- Cyan (85%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255765 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 255765 by changing the saturation by 10% instead.

■ 255765

■ 255765

FFFFFF

■ 04404D

■ 598998

■ 002A36

■ 73A3B3

■ 001621

■ 8EBECE

■ 000008

■ A9DAEA

■ 000000

■ C5F7FF

■ E2FFFF

■ 255765

■ 255765

■ 1B5565

■ 2F5965

■ 115365

■ 395B65

■ 075065

■ 435E65

■ 004F65

■ 4D6065

■ 586265

■ 626465

■ 6C6665

■ 766965

■ 806B65

Harmonies

Analogous

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



255859



255765



35546C

Triad

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



255765



694757



525235

Complementary

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



255765



653325

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.



604E35



255765



6D4649

Square

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



255765



5D4A64



6A493C



42563D

Rectangle

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



255765



43516D



6A493C



575134

Sweetspot

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



255765



697D82



256533



333F42



C2C2C2



424242

Same Dimension

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



255765



1F6C82



253765



2E3233



005A73



00BDF2

Inverse Universe

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



652557



821F6C



655325



332E32



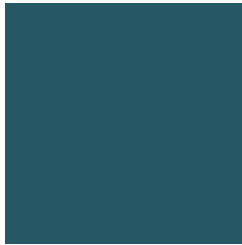
73005A



F200BD

Previews

White Background



This preview shows how the Hex color 255765 looks on a white background.

Color Contrast Check

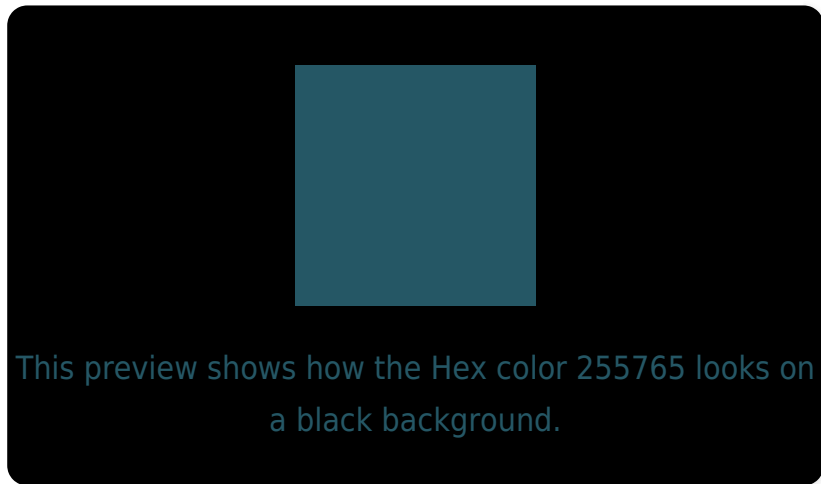
Large Text (above 18pt) WCAG AA ✓ Pass

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

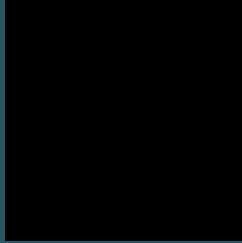
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

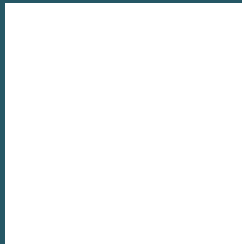
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 255765 Background



This preview shows how black text looks on a background with the Hex color 255765.



This preview shows how white text looks on a background with the Hex color 255765.

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

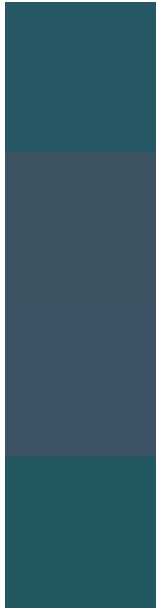


Original Color
255765

Protanopia
4D5060

Deuteranopia
4C4F67

Trichromacy



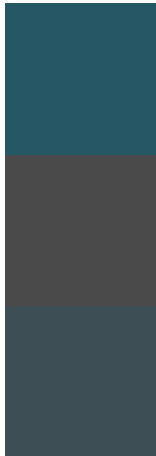
Original Color
255765

Protanomaly
3E5362

Deuteranomaly
3E5266

Tritanomaly
235861

Monochromacy



Original Color
255765

Achromatopsia
4A4A4A

Achromatomaly
3D4F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 255765 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 #255765 looks like.

```
.text, #text, p{  
    color:#255765  
}
```

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 #255765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255765
}
```

Border

The CSS property to change the border of an element to Hex 255765 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
#255765 }
```

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

```
.border{ border-color:#255765 }
```

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

Here you see how a box with a 4 pixel #255765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255765; -webkit-box-shadow:4px 4px  
4px 4px #255765; box-shadow:4px 4px 4px  
4px #255765 }
```

Background

The CSS property to change the background color of an element to Hex 255765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255765 }
```

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

```
.background{ background-color:#255765 }
```

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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