

Converting Colors

Hex(256753)

Have a look what the booklet for
Hex(256753) contains.

Hex(256753)	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(256753)

Conversions

Conversions Part 1

Format	Color
Hex	256753
RGB	37, 103, 83
RGB Percent	15%, 40%, 33%
CMY	0.8549, 0.5961, 0.6745
CMYK	0.64, 0.00, 0.19, 0.60
HSL	162°, 47%, 27%
HSV	162°, 64%, 40%
XYZ	7.1745, 10.7183, 9.8743
YIQ	80.9860, -32.9160, -20.2120

Conversions

Conversions Part 2

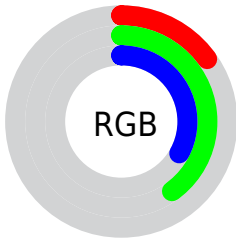
Format	Color
RYB	37, 76, 103
Decimal	2451283
CIELab	39.10, -26.20, 5.15
CIELCh	39, 26.699, 168.883
Yxy	10.7183, 0.2584, 0.3860
Android (android.graphics.Color)	4280641363 (0xFF256753)
YUV	80.9860, 0.9929, -38.5757
Hunter-Lab	32.7389, -18.1758, 5.0349

Details

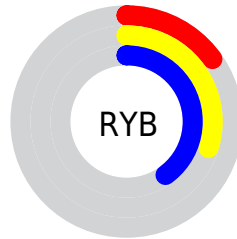
The Hex color **256753** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **672539**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5A9B84**, and **003726** is the 20% darker color. If you saturate the color by 10%, you get **1B6750**, and if you desaturate by 10%, it is **2F6756**.

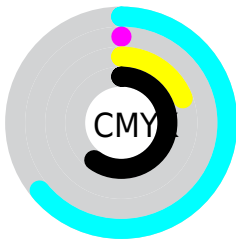
Distribution



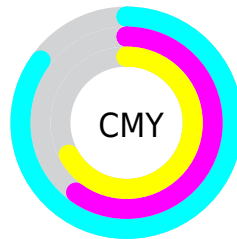
- Red (15%)
- Green (40%)
- Blue (33%)



- Red (15%)
- Yellow (30%)
- Blue (40%)



- Cyan (64%)
- Magenta (0%)
- Yellow (19%)
- Black (60%)



- Cyan (85%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Hex color 256753 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 256753 by changing the saturation by 10% instead.

 256753

 256753

FFFFFF

 034F3C

 5A9B84

 003726

 74B69F

 002212

 8FD1B9

 000000

 AAEED5

 C6FFF2

 E3FFFF

 256753

 256753

 1B6750

 2F6756

■ 10674D

■ 3A6759

■ 06674A

■ 44675C

■ 006748

■ 4E675F

■ 596763

■ 636766

■ 6D6769

■ 77676C

■ 82676F

Harmonies

Analogous

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



43643F



256753



006769

Triad

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



256753



525985



80503C

Complementary

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



256753



672539

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.



864B4F



256753



6F5179

Square

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



256753



2A6186



814C65



715831

Rectangle

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



256753



006677



814C65



834E42

Sweetspot

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



256753



6D877F



3A6725



354540



C4C4C4



454545

Same Dimension

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



256753



1F8768



255B67



2E3331



007350



00F2A9

Inverse Universe

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



672539



871F3F



673125



332E2F



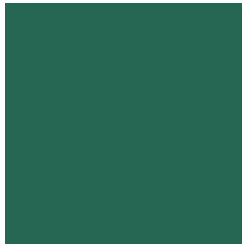
730023



F20049

Previews

White Background



This preview shows how the Hex color 256753 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

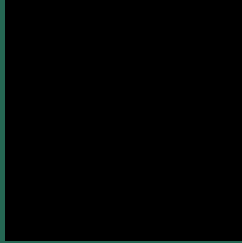
Any Text WCAG AA × Fail

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 256753 Background



This preview shows how black text looks on a background with the Hex color 256753.

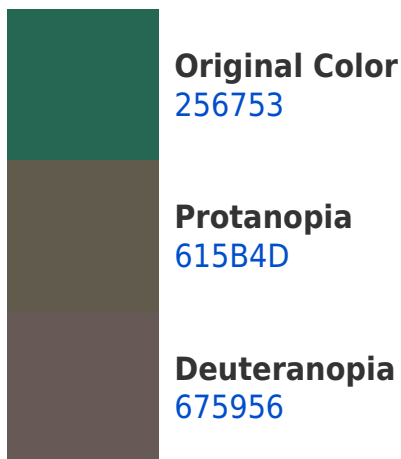



This preview shows how white text looks on a background with the Hex color 256753.

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
2F646C

Trichromacy



Original Color
256753

Protanomaly
4B5F4F

Deuteranomaly
4F5E55

Tritanomaly
2B6563

Monochromacy



Original Color
256753

Achromatopsia
515151

Achromatomaly
415952

CSS Examples

Text

The CSS property to change the color of the text to Hex 256753 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 #256753 looks like.

```
.text, #text, p{  
    color:#256753  
}
```

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 #256753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256753
}
```

Border

The CSS property to change the border of an element to Hex 256753 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
#256753 }
```

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

```
.border{ border-color:#256753 }
```

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

Here you see how a box with a 4 pixel #256753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256753; -webkit-box-shadow:4px 4px  
4px 4px #256753; box-shadow:4px 4px 4px  
4px #256753 }
```

Background

The CSS property to change the background color of an element to Hex 256753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256753 }
```

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

```
.background{ background-color:#256753 }
```

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