

Converting Colors

Hex(256862)

Have a look what the booklet for
Hex(256862) contains.

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Color

Hex(256862)

Conversions

Conversions Part 1

Format	Color
Hex	256862
RGB	37, 104, 98
RGB Percent	15%, 41%, 38%
CMY	0.8549, 0.5922, 0.6157
CMYK	0.64, 0.00, 0.06, 0.59
HSL	175°, 48%, 28%
HSV	175°, 64%, 41%
XYZ	7.9179, 11.1758, 13.2951
YIQ	83.2830, -38.0060, -16.0700

Conversions

Conversions Part 2

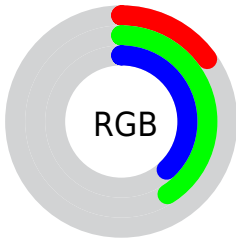
Format	Color
RYB	37, 72, 104
Decimal	2451554
CIELab	39.87, -22.47, -2.89
CIELCh	40, 22.655, 187.318
Yxy	11.1758, 0.2445, 0.3451
Android (android.graphics.Color)	4280641634 (0xFF256862)
YUV	83.2830, 7.2555, -40.5902
Hunter-Lab	33.4302, -16.2255, -0.1783

Details

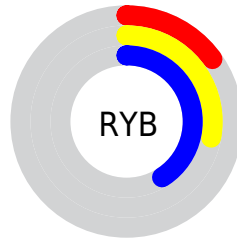
The Hex color **256862** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **68252B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5B9C95**, and **003834** is the 20% darker color. If you saturate the color by 10%, you get **1B6861**, and if you desaturate by 10%, it is **2F6863**.

Distribution



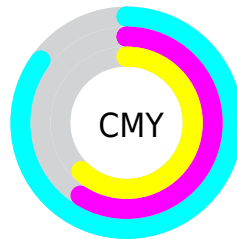
- Red (15%)
- Green (41%)
- Blue (38%)



- Red (15%)
- Yellow (28%)
- Blue (41%)



- Cyan (64%)
- Magenta (0%)
- Yellow (6%)
- Black (59%)



- Cyan (85%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256862 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 256862 by changing the saturation by 10% instead.



256862



256862

FFFFFF



01504A



5B9C95



003834



75B7AF



00231F



90D2CB



000007



ACEFE7



000000



C8FFFF



E5FFFF



256862



256862



1B6861



2F6863

■ 106860

■ 3A6864

■ 06685F

■ 446865

■ 00685F

■ 4F6866

■ 596867

■ 636868

■ 6E6869

■ 786869

■ 83686A

Harmonies

Analogous

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



3C674F



256862



1A6774

Triad

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



256862



66587B



76583C

Complementary

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



256862



68252B

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.



805248



256862



79526D

Square

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



256862



4B5E82



82505A



665E39

Rectangle

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



256862



25657D



82505A



7A563F

Sweetspot

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



256862



6D8785



2C6825



354543



C4C4C4



454545

Same Dimension

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



256862



1F877E



254D68



2E3333



007368



00F2DD

Inverse Universe

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



68252B



871F28



684025



332E2E



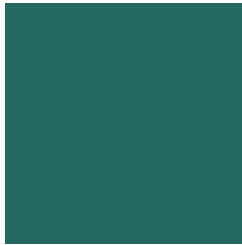
73000A



F20016

Previews

White Background



This preview shows how the Hex color 256862 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

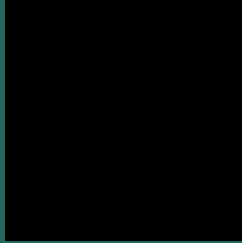
Any Text WCAG AA × Fail

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 256862 Background



This preview shows how black text looks on a background with the Hex color 256862.

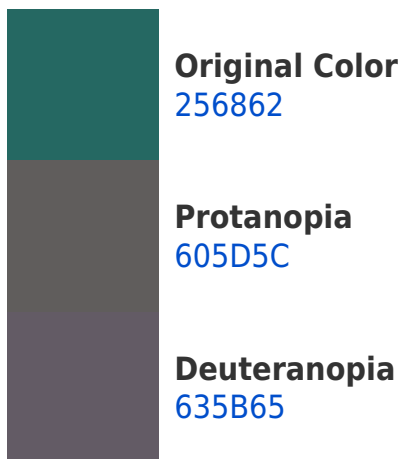


This preview shows how white text looks on a background with the Hex color 256862.

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
2B666E

Trichromacy



Original Color
256862

Protanomaly
4B615E

Deuteranomaly
4C6064

Tritanomaly
29676A

Monochromacy



Original Color
256862

Achromatopsia
535353

Achromatomaly
425B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 256862 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 #256862 looks like.

```
.text, #text, p{  
    color:#256862  
}
```

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 #256862 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256862
}
```

Border

The CSS property to change the border of an element to Hex 256862 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
#256862 }
```

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

```
.border{ border-color:#256862 }
```

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

Here you see how a box with a 4 pixel #256862 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256862; -webkit-box-shadow:4px 4px  
4px 4px #256862; box-shadow:4px 4px 4px  
4px #256862 }
```

Background

The CSS property to change the background color of an element to Hex 256862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256862 }
```

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

```
.background{ background-color:#256862 }
```

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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