

Converting Colors

Hex(286256)

Have a look what the booklet for
Hex(286256) contains.

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Color

Hex(286256)

Conversions

Conversions Part 1

Format	Color
Hex	286256
RGB	40, 98, 86
RGB Percent	16%, 38%, 34%
CMY	0.8431, 0.6157, 0.6627
CMYK	0.59, 0.00, 0.12, 0.62
HSL	168°, 42%, 27%
HSV	168°, 59%, 38%
XYZ	6.9225, 9.8584, 10.3421
YIQ	79.2900, -30.7160, -16.0280

Conversions

Conversions Part 2

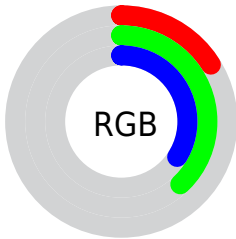
Format	Color
R_{YB}	40, 72, 98
Decimal	2646614
CIE _{Lab}	37.59, -22.17, 1.14
CIE _{LCh}	38, 22.201, 177.060
Yxy	9.8584, 0.2552, 0.3635
Android (android.graphics.Color)	4280836694 (0xFF286256)
YUV	79.2900, 3.3080, -34.4573
Hunter-Lab	31.3980, -15.5919, 2.4493

Details

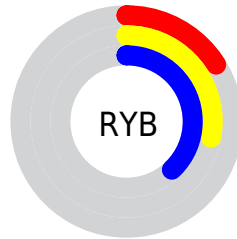
The Hex color **286256** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **622834**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5B9588**, and **003329** is the 20% darker color. If you saturate the color by 10%, you get **1E6254**, and if you desaturate by 10%, it is **326258**.

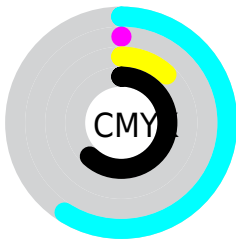
Distribution



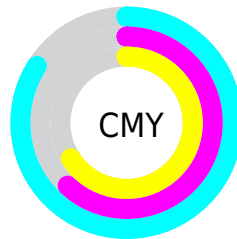
- Red (16%)
- Green (38%)
- Blue (34%)



- Red (16%)
- Yellow (28%)
- Blue (38%)



- Cyan (59%)
- Magenta (0%)
- Yellow (12%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 286256 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 286256 by changing the saturation by 10% instead.

 286256

 286256

FFFFFF

 0A4A3F

 5B9588

 003329

 75B0A2

 001F15

 90CBBD

 000000

 ABE8D9

 C7FFF5

 E4FFFF

 286256

 286256

 1E6254

 326258

■ 146252

■ 3C625A

■ 0B6250

■ 45625C

■ 01624E

■ 4F625E

■ 00624E

■ 596260

■ 636262

■ 6D6264

■ 766266

■ 806268

Harmonies

Analogous

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



3F6044



286256



156268

Triad

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



286256



585478



74513B

Complementary

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



286256



622834

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.



7B4C49



286256



6D4E6C

Square

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



286256



3C5B7C



794B5B



665735

Rectangle

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



286256



186072



794B5B



774F3F

Sweetspot

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



286256



69807B



356228



32403D



BFBFBF



404040

Same Dimension

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



286256



25806D



285262



2C302F



007059



00F0BE

Inverse Universe

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



622834



802538



623828



302C2D



700017



F00032

Previews

White Background



This preview shows how the Hex color 286256 looks on a white background.

Color Contrast Check

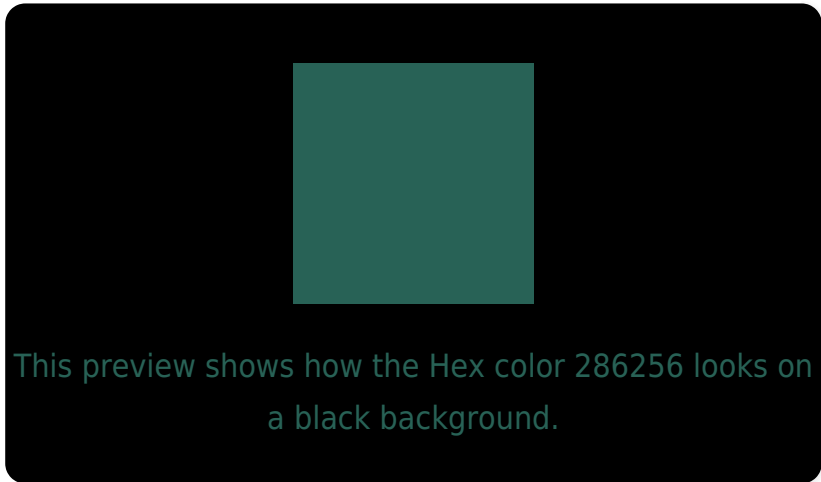
Large Text (above 18pt) WCAG AA ✓ Pass

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

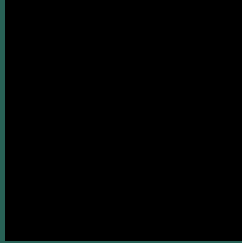
Any Text WCAG AA × Fail

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 286256 Background



This preview shows how black text looks on a background with the Hex color 286256.

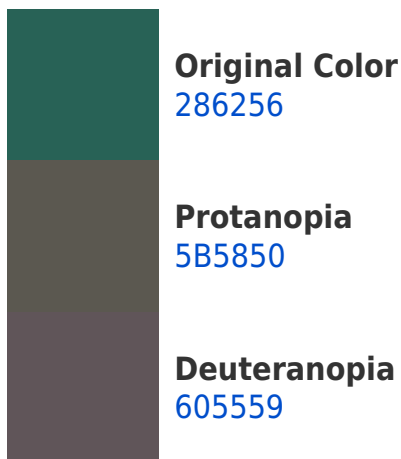


This preview shows how white text looks on a background with the Hex color 286256.

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](#).

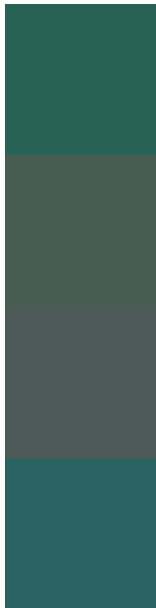
Dichromacy





Tritanopia
2E6067

Trichromacy



Original Color
286256

Protanomaly
485C52

Deuteranomaly
4C5A58

Tritanomaly
2C6161

Monochromacy



Original Color
286256

Achromatopsia
4F4F4F

Achromatomaly
415652

CSS Examples

Text

The CSS property to change the color of the text to Hex 286256 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 #286256 looks like.

```
.text, #text, p{  
    color:#286256  
}
```

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 #286256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286256
}
```

Border

The CSS property to change the border of an element to Hex 286256 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
#286256 }
```

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

```
.border{ border-color:#286256 }
```

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

Here you see how a box with a 4 pixel #286256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286256; -webkit-box-shadow:4px 4px  
4px 4px #286256; box-shadow:4px 4px 4px  
4px #286256 }
```

Background

The CSS property to change the background color of an element to Hex 286256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286256 }
```

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

```
.background{ background-color:#286256 }
```

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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