

# Converting Colors

Hex(266956)

Have a look what the booklet for  
Hex(266956) contains.

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# Color

**Hex(266956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	266956
RGB	38, 105, 86
RGB Percent	15%, 41%, 34%
CMY	0.8510, 0.5882, 0.6627
CMYK	0.64, 0.00, 0.18, 0.59
HSL	163°, 47%, 28%
HSV	163°, 64%, 41%
XYZ	7.5306, 11.1871, 10.5665
YIQ	82.8010, -33.8330, -20.1130

# Conversions

## Conversions Part 2

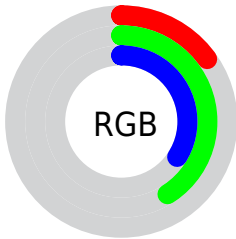
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 77, 105
Decimal	2517334
CIE <sub>Lab</sub>	39.89, -26.17, 4.46
CIE <sub>LCh</sub>	40, 26.549, 170.328
Yxy	11.1871, 0.2572, 0.3820
Android (android.graphics.Color)	4280707414 (0xFF266956)
YUV	82.8010, 1.5771, -39.2905
Hunter-Lab	33.4471, -18.3432, 4.6823

# Details

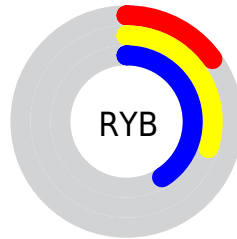
The Hex color **266956** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **692639**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5B9D88**, and **003929** is the 20% darker color. If you saturate the color by 10%, you get **1C6953**, and if you desaturate by 10%, it is **316959**.

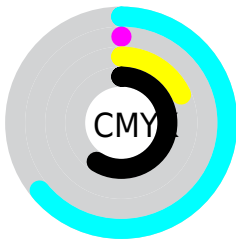
# Distribution



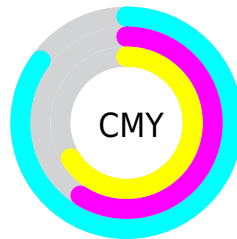
- Red (15%)
- Green (41%)
- Blue (34%)



- Red (15%)
- Yellow (30%)
- Blue (41%)



- Cyan (64%)
- Magenta (0%)
- Yellow (18%)
- Black (59%)



- Cyan (85%)
- Magenta (59%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 266956 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 266956 by changing the saturation by 10% instead.



 266956

 266956

FFFFFF

 04513F

 5B9D88

 003929

 75B8A2

 002415

 90D4BD

 000000

 ACF0D9


 C8FFF5

 E4FFFF

 266956

 266956

 1C6953

 316959

■ 116950

■ 3B695C

■ 07694D

■ 46695F

■ 00694B

■ 506962

■ 5B6965

■ 656968

■ 70696B

■ 7A696E

■ 846971

# Harmonies

## Analogous

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



446642



266956



00696C

# Triad

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



266956



565B87



81533E

# Complementary

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



266956



692639

# 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.



884E50



266956



72537A

# Square

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



266956



2F6288



834E66



725A33

# Rectangle

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



266956



006879



834E66



855143



# Sweetspot

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



266956



708A82



3A6926



354540



C4C4C4



454545



# Same Dimension

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



266956



208A6C



265C69



303634



007554



00F5AF



# Inverse Universe

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



692639



8A203E



693326



363032



750021



F50045



# Previews

## White Background



This preview shows how the Hex color 266956 looks on a white background.

## Color Contrast Check

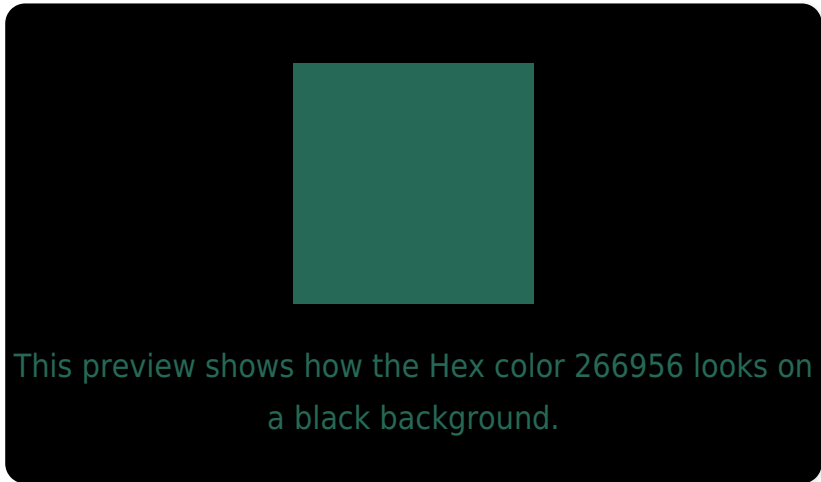
Large Text (above 18pt) WCAG AA ✓ Pass

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

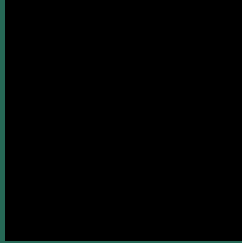
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 266956 Background



This preview shows how black text looks on a background with the Hex color 266956.



This preview shows how white text looks on a background with the Hex color 266956.

# 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**  
266956

**Protanopia**  
625D50

**Deuteranopia**  
685A59



**Tritanopia**  
2F666E

# Trichromacy



**Original Color**  
266956

**Protanomaly**  
4C6152

**Deuteranomaly**  
505F58

**Tritanomaly**  
2C6765

# Monochromacy



**Original Color**  
266956

**Achromatopsia**  
535353

**Achromatomaly**  
435B54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 266956 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 #266956 looks like.

```
.text, #text, p{  
    color:#266956  
}
```

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 #266956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266956
}
```

## Border

The CSS property to change the border of an element to Hex 266956 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
#266956 }
```

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

```
.border{ border-color:#266956 }
```

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

Here you see how a box with a 4 pixel #266956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266956; -webkit-box-shadow:4px 4px  
4px 4px #266956; box-shadow:4px 4px 4px  
4px #266956 }
```

# Background

The CSS property to change the background color of an element to Hex 266956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266956 }
```

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

```
.background{ background-color:#266956 }
```

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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