

# Converting Colors

Hex(266E45)

Have a look what the booklet for  
Hex(266E45) contains.

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# Color

Hex(266E45)

# Conversions

## Conversions Part 1

Format	Color
Hex	266E45
RGB	38, 110, 69
RGB Percent	15%, 43%, 27%
CMY	0.8510, 0.5686, 0.7294
CMYK	0.65, 0.00, 0.37, 0.57
HSL	146°, 49%, 29%
HSV	146°, 65%, 43%
XYZ	7.4494, 11.9936, 7.5526
YIQ	83.7980, -29.7510, -28.0150

# Conversions

## Conversions Part 2

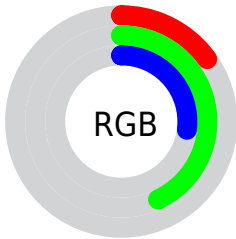
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 88, 110
Decimal	2518597
CIE <sub>Lab</sub>	41.21, -32.60, 16.46
CIE <sub>LCh</sub>	41, 36.519, 153.218
Yxy	11.9936, 0.2759, 0.4443
Android (android.graphics.Color)	4280708677 (0xFF266E45)
YUV	83.7980, -7.2954, -40.1648
Hunter-Lab	34.6318, -22.2095, 11.3121

# Details

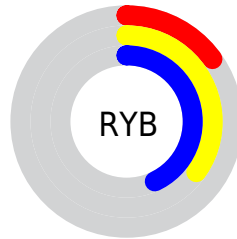
The Hex color **266E45** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E264F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5BA276**, and **003D19** is the 20% darker color. If you saturate the color by 10%, you get **1B6E3F**, and if you desaturate by 10%, it is **316E4B**.

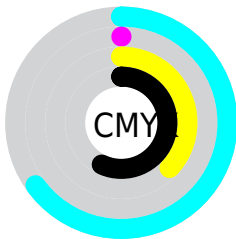
# Distribution



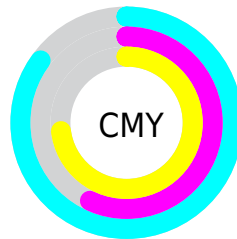
- Red (15%)
- Green (43%)
- Blue (27%)



- Red (15%)
- Yellow (35%)
- Blue (43%)



- Cyan (65%)
- Magenta (0%)
- Yellow (37%)
- Black (57%)



- Cyan (85%)
- Magenta (57%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 266E45 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 266E45 by changing the saturation by 10% instead.



 266E45

 266E45

FFFFFF

 02552E

 5BA276

 003D19

 76BE8F

 002700

 91DAAA

 000800

 ACF6C5

 000000

 C9FFE1

 E5FFFE

 266E45

 266E45

 1B6E3F

 316E4B

■ 106E38

■ 3C6E52

■ 056E32

■ 476E58

■ 006E2F

■ 526E5E

■ 5D6E64

■ 686E6B

■ 736E71

■ 7E6E77

■ 896E7D

# Harmonies

## Analogous

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



50692D



266E45



007064

# Triad

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



266E45



2E639D



964B42

# Complementary

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



266E45



6E264F

# 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.



98475F



266E45



675893

# Square

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



266E45



006B96



894D7D



88562B

# Rectangle

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



266E45



007078



894D7D



99494B



# Sweetspot

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



266E45



728F7F



506E26



36473E



C7C7C7



474747



# Same Dimension

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



266E45



1E8F4F



266E68



323835



007834



00F76A



# Inverse Universe

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



6E264F



8F1E5E



6E262C



383236



780044

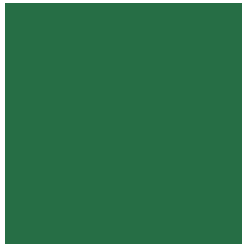


F7008D



# Previews

## White Background



This preview shows how the Hex color 266E45 looks on a white background.

## Color Contrast Check

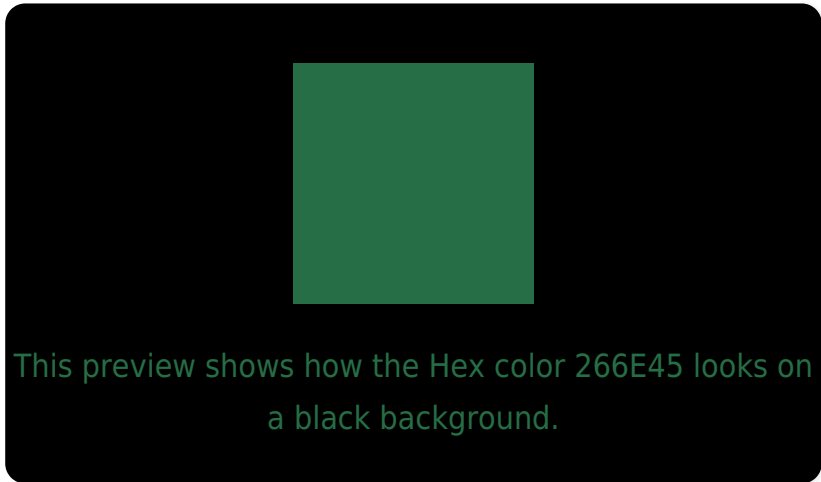
Large Text (above 18pt) WCAG AA ✓ Pass

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

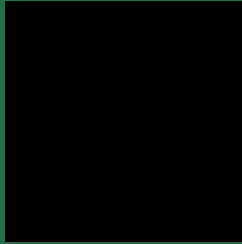
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 266E45 Background



This preview shows how black text looks on a background with the Hex color 266E45.



This preview shows how white text looks on a background with the Hex color 266E45.

# 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**  
266E45

**Protanopia**  
696140

**Deuteranopia**  
725D49



**Tritanopia**  
356971

# Trichromacy



**Original Color**  
266E45

**Protanomaly**  
516642

**Deuteranomaly**  
566348

**Tritanomaly**  
306B61

# Monochromacy



**Original Color**  
266E45

**Achromatopsia**  
545454

**Achromatomaly**  
435D4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 266E45 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 #266E45 looks like.

```
.text, #text, p{  
    color:#266E45  
}
```

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 #266E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266E45
}
```

## Border

The CSS property to change the border of an element to Hex 266E45 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
#266E45 }
```

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

```
.border{ border-color:#266E45 }
```

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

Here you see how a box with a 4 pixel #266E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266E45; -webkit-box-shadow:4px 4px  
4px 4px #266E45; box-shadow:4px 4px 4px  
4px #266E45 }
```

# Background

The CSS property to change the background color of an element to Hex 266E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266E45 }
```

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

```
.background{ background-color:#266E45 }
```

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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