

Converting Colors

Hex(266E50)

Have a look what the booklet for
Hex(266E50) contains.

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Color

Hex(266E50)

Conversions

Conversions Part 1

Format	Color
Hex	266E50
RGB	38, 110, 80
RGB Percent	15%, 43%, 31%
CMY	0.8510, 0.5686, 0.6863
CMYK	0.65, 0.00, 0.27, 0.57
HSL	155°, 49%, 29%
HSV	155°, 65%, 43%
XYZ	7.8232, 12.1431, 9.5209
YIQ	85.0520, -33.2820, -24.5940

Conversions

Conversions Part 2

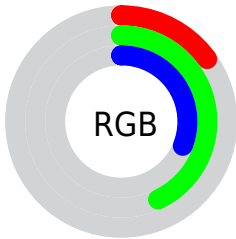
Format	Color
RYB	38, 83, 110
Decimal	2518608
CIELab	41.44, -30.10, 10.27
CIELCh	41, 31.804, 161.164
Yxy	12.1431, 0.2653, 0.4118
Android (android.graphics.Color)	4280708688 (0xFF266E50)
YUV	85.0520, -2.4906, -41.2646
Hunter-Lab	34.8470, -20.9085, 8.1936

Details

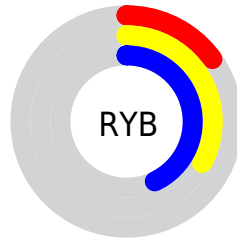
The Hex color **266E50** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E2644**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5BA281**, and **003D23** is the 20% darker color. If you saturate the color by 10%, you get **1B6E4B**, and if you desaturate by 10%, it is **316E55**.

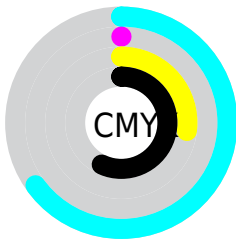
Distribution



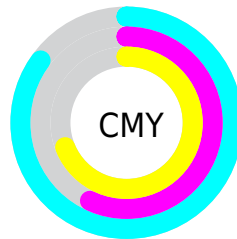
- Red (15%)
- Green (43%)
- Blue (31%)



- Red (15%)
- Yellow (33%)
- Blue (43%)



- Cyan (65%)
- Magenta (0%)
- Yellow (27%)
- Black (57%)



- Cyan (85%)
- Magenta (57%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 266E50 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 266E50 by changing the saturation by 10% instead.

 266E50

 266E50

FFFFFF

 025539

 5BA281

 003D23

 76BD9B

 00270E

 91D9B6

 000A00

 ADF6D2

 000000

 C9FFEE

 E5FFFF

 266E50

 266E50

 1B6E4B

 316E55

■ 106E47

■ 3C6E59

■ 056E42

■ 476E5E

■ 006E40

■ 526E62

■ 5D6E67

■ 686E6C

■ 736E70

■ 7E6E75

■ 896E79

Harmonies

Analogous

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



4C6A39



266E50



006F6B

Triad

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



266E50



496195



8F5141

Complementary

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



266E50



6E2644

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.



934C59



266E50



715789

Square

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



266E50



006993



8A4F73



7F5A30

Rectangle

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



266E50



006F7C



8A4F73



924F48

Sweetspot

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



266E50



728F83



446E26



364740



C7C7C7



474747

Same Dimension

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



266E50



1E8F60



26686E



323836



007846



00F790

Inverse Universe

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



6E2644



8F1E4D



6E2C26



383235



780032



F70067

Previews

White Background



This preview shows how the Hex color 266E50 looks on a white background.

Color Contrast Check

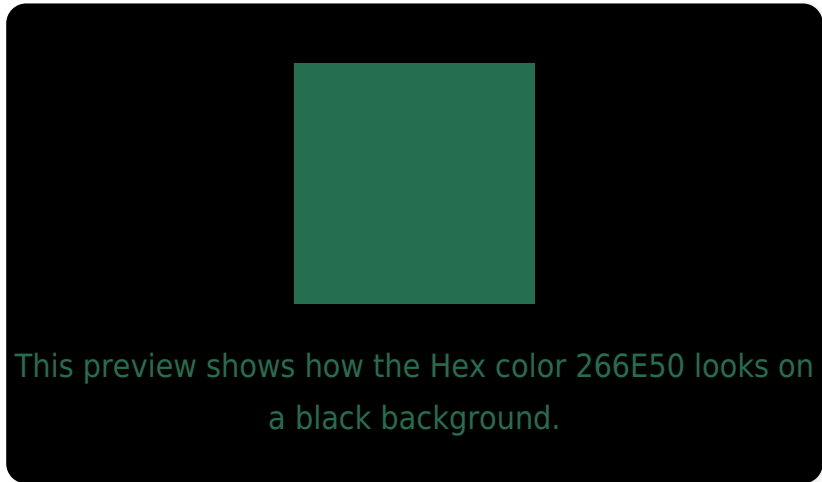
Large Text (above 18pt) WCAG AA ✓ Pass

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

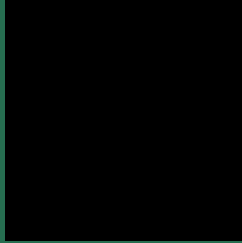
Any Text WCAG AA × Fail

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 266E50 Background



This preview shows how black text looks on a background with the Hex color 266E50.



This preview shows how white text looks on a background with the Hex color 266E50.

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
266E50

Protanopia
68614A

Deuteranopia
705E54



Tritanopia
336A72

Trichromacy



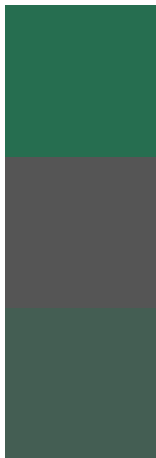
Original Color
266E50

Protanomaly
50664C

Deuteranomaly
556453

Tritanomaly
2E6B66

Monochromacy



Original Color
266E50

Achromatopsia
555555

Achromatomaly
445E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 266E50 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 #266E50 looks like.

```
.text, #text, p{  
    color:#266E50  
}
```

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 #266E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266E50
}
```

Border

The CSS property to change the border of an element to Hex 266E50 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
#266E50 }
```

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

```
.border{ border-color:#266E50 }
```

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

Here you see how a box with a 4 pixel #266E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266E50; -webkit-box-shadow:4px 4px  
4px 4px #266E50; box-shadow:4px 4px 4px  
4px #266E50 }
```

Background

The CSS property to change the background color of an element to Hex 266E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266E50 }
```

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

```
.background{ background-color:#266E50 }
```

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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