

Converting Colors

Hex(266A4F)

Have a look what the booklet for
Hex(266A4F) contains.

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Color

Hex(266A4F)

Conversions

Conversions Part 1

Format	Color
Hex	266A4F
RGB	38, 106, 79
RGB Percent	15%, 42%, 31%
CMY	0.8510, 0.5843, 0.6902
CMYK	0.64, 0.00, 0.25, 0.58
HSL	156°, 47%, 28%
HSV	156°, 64%, 42%
XYZ	7.3646, 11.2847, 9.1871
YIQ	82.5900, -31.8610, -22.8130

Conversions

Conversions Part 2

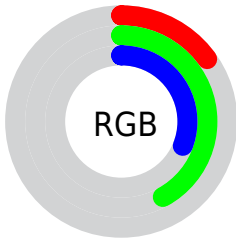
Format	Color
R_{YB}	38, 80, 106
Decimal	2517583
CIE _{Lab}	40.06, -28.46, 8.93
CIE _{LCh}	40, 29.826, 162.584
Y _{xy}	11.2847, 0.2646, 0.4054
Android (android.graphics.Color)	4280707663 (0xFF266A4F)
YUV	82.5900, -1.7699, -39.1054
Hunter-Lab	33.5926, -19.6538, 7.2998

Details

The Hex color **266A4F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6A2641**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5B9E80**, and **003A23** is the 20% darker color. If you saturate the color by 10%, you get **1B6A4B**, and if you desaturate by 10%, it is **316A53**.

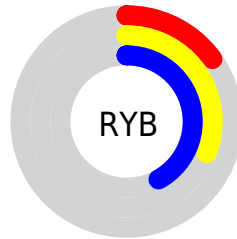
Distribution



Red (15%)

Green (42%)

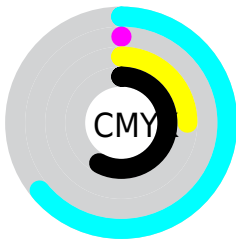
Blue (31%)



Red (15%)

Yellow (31%)

Blue (42%)

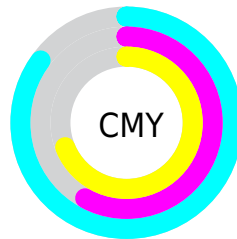


Cyan (64%)

Magenta (0%)

Yellow (25%)

Black (58%)



Cyan (85%)

Magenta (58%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 266A4F 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 266A4F by changing the saturation by 10% instead.

■ 266A4F

■ 266A4F

FFFFFF

■ 045138

■ 5B9E80

■ 003A23

■ 75B99A

■ 00240D

■ 90D5B5

■ 000000

■ ABF1D1

■ C7FFED

■ E4FFFF

■ 266A4F

■ 266A4F

■ 1B6A4B

■ 316A53

■ 116A47

■ 3B6A57

■ 066A42

■ 466A5C

■ 006A40

■ 506A60

■ 5B6A64

■ 666A68

■ 706A6C

■ 7B6A71

■ 856A75

Harmonies

Analogous

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



496639



266A4F



006B68

Triad

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



266A4F



4A5D8E



88503F

Complementary

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



266A4F



6A2641

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.



8D4B55



266A4F



6E5482

Square

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



266A4F



0D658C



844C6E



795830

Rectangle

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



266A4F



006A78



844C6E



8B4D45

Sweetspot

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



266A4F



708A7F



416A26



35453F



C4C4C4



454545

Same Dimension

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



266A4F



208A60



26636A



303633



007547



00F594

Inverse Universe

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



6A2641



8A204A



6A2D26



363032



75002F



F50061

Previews

White Background



This preview shows how the Hex color 266A4F looks on a white background.

Color Contrast Check

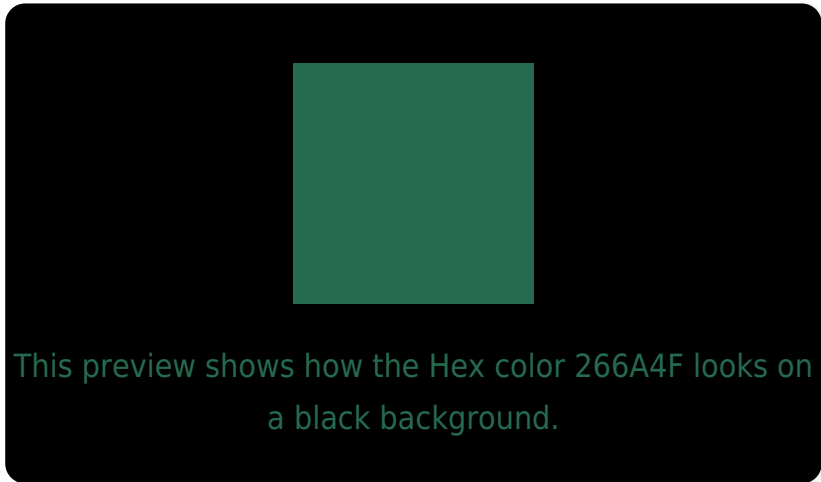
Large Text (above 18pt) WCAG AA ✓ Pass

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

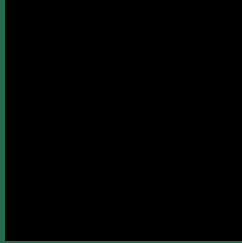
Any Text WCAG AA × Fail

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 266A4F Background



This preview shows how black text looks on a background with the Hex color 266A4F.



This preview shows how white text looks on a background with the Hex color 266A4F.

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
266A4F

Protanopia
645E49

Deuteranopia
6B5A52



Tritanopia
32666E

Trichromacy



Original Color
266A4F

Protanomaly
4D624B

Deuteranomaly
526051

Tritanomaly
2E6763

Monochromacy



Original Color
266A4F

Achromatopsia
535353

Achromatomaly
435B52

CSS Examples

Text

The CSS property to change the color of the text to Hex 266A4F 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 #266A4F looks like.

```
.text, #text, p{  
    color:#266A4F  
}
```

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 #266A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266A4F
}
```

Border

The CSS property to change the border of an element to Hex 266A4F 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
#266A4F }
```

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

```
.border{ border-color:#266A4F }
```

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

Here you see how a box with a 4 pixel #266A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266A4F; -webkit-box-shadow:4px 4px  
4px 4px #266A4F; box-shadow:4px 4px 4px  
4px #266A4F }
```

Background

The CSS property to change the background color of an element to Hex 266A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266A4F }
```

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

```
.background{ background-color:#266A4F }
```

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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