

Converting Colors

Hex(266345)

Have a look what the booklet for
Hex(266345) contains.

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Color

Hex(266345)

Conversions

Conversions Part 1

Format	Color
Hex	266345
RGB	38, 99, 69
RGB Percent	15%, 39%, 27%
CMY	0.8510, 0.6118, 0.7294
CMYK	0.62, 0.00, 0.30, 0.61
HSL	150°, 45%, 27%
HSV	150°, 62%, 39%
XYZ	6.3353, 9.7654, 7.1812
YIQ	77.3410, -26.7260, -22.2620

Conversions

Conversions Part 2

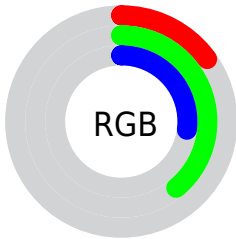
Format	Color
R_{YB}	38, 78, 99
Decimal	2515781
CIE _{Lab}	37.42, -27.52, 11.29
CIE _{LCh}	37, 29.750, 157.688
Yxy	9.7654, 0.2721, 0.4194
Android (android.graphics.Color)	4280705861 (0xFF266345)
YUV	77.3410, -4.1121, -34.5021
Hunter-Lab	31.2497, -18.4990, 8.2498

Details

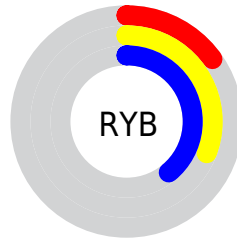
The Hex color **266345** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **632644**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **599675**, and **00341A** is the 20% darker color. If you saturate the color by 10%, you get **1C6340**, and if you desaturate by 10%, it is **30634A**.

Distribution



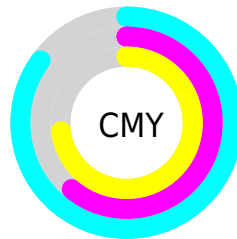
- Red (15%)
- Green (39%)
- Blue (27%)



- Red (15%)
- Yellow (31%)
- Blue (39%)



- Cyan (62%)
- Magenta (0%)
- Yellow (30%)
- Black (61%)



- Cyan (85%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 266345 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 266345 by changing the saturation by 10% instead.

 266345

 266345

FFFFFF

 074B2F

 599675

 00341A

 73B18F

 002000

 8ECDA9

 000000

 A9E9C5

 C5FFE1

 E1FFFD

 266345

 266345

 1C6340

 30634A

■ 12633B

■ 3A634F

■ 086336

■ 446354

■ 006332

■ 4E6358

■ 58635D

■ 616362

■ 6B6367

■ 75636C

■ 7F6371

Harmonies

Analogous

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



475F31



266345



00645E

Triad

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



266345



3C5887



83483C

Complementary

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



266345



632644

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.



854453



266345



624F7E

Square

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



266345



005F84



7B476B



75502C

Rectangle

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



266345



00646E



7B476B



854643

Sweetspot

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



266345



698074



456326



324039



BFBFBF



404040

Same Dimension

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



266345



218051



266363



2C302E



007039



00F07A

Inverse Universe

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



632644



802150



632626



302C2E



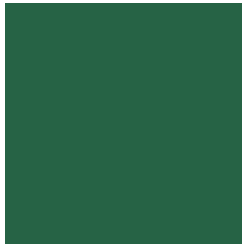
700037



F00076

Previews

White Background



This preview shows how the Hex color 266345 looks on a white background.

Color Contrast Check

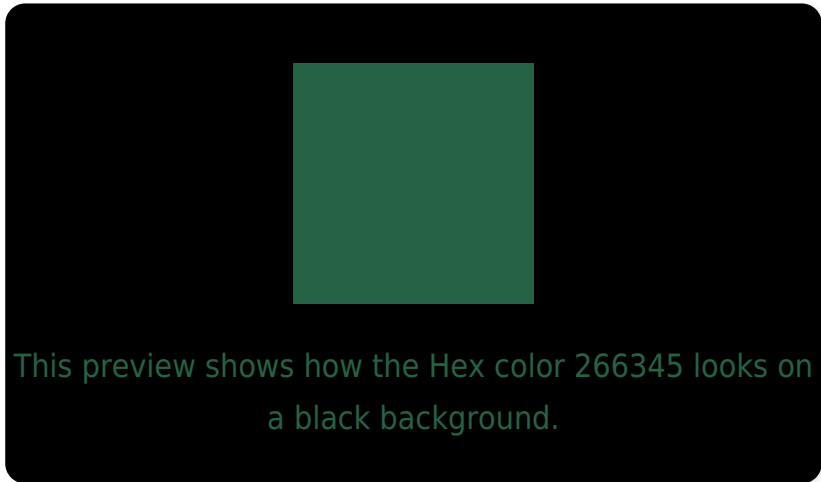
Large Text (above 18pt) WCAG AA ✓ Pass

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

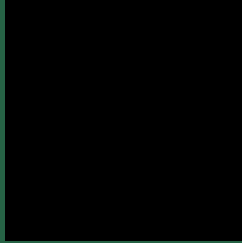
Any Text WCAG AA × Fail

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 266345 Background



This preview shows how black text looks on a background with the Hex color 266345.



This preview shows how white text looks on a background with the Hex color 266345.

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](#).

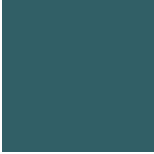
Dichromacy



Original Color
266345

Protanopia
5E5840

Deuteranopia
655448



Tritanopia
315F66

Trichromacy



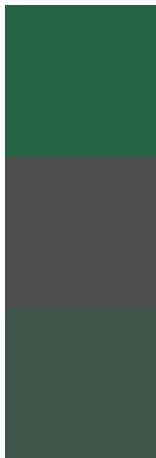
Original Color
266345

Protanomaly
4A5C42

Deuteranomaly
4E5947

Tritanomaly
2D605A

Monochromacy



Original Color
266345

Achromatopsia
4D4D4D

Achromatomaly
3F554A

CSS Examples

Text

The CSS property to change the color of the text to Hex 266345 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 #266345 looks like.

```
.text, #text, p{  
    color:#266345  
}
```

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 #266345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #266345
}
```

Border

The CSS property to change the border of an element to Hex 266345 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
#266345 }
```

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

```
.border{ border-color:#266345 }
```

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

Here you see how a box with a 4 pixel #266345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #266345; -webkit-box-shadow:4px 4px  
4px 4px #266345; box-shadow:4px 4px 4px  
4px #266345 }
```

Background

The CSS property to change the background color of an element to Hex 266345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#266345 }
```

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

```
.background{ background-color:#266345 }
```

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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