

Converting Colors

Hex(306255)

Have a look what the booklet for
Hex(306255) contains.

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Color

Hex(306255)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 306255 |
| RGB | 48, 98, 85 |
| RGB Percent | 19%, 38%, 33% |
| CMY | 0.8118, 0.6157, 0.6667 |
| CMYK | 0.51, 0.00, 0.13, 0.62 |
| HSL | 164°, 34%, 29% |
| HSV | 164°, 51%, 38% |
| XYZ | 7.2263, 10.0196, 10.1474 |
| YIQ | 81.5680, -25.6270, -14.6430 |

Conversions

Conversions Part 2

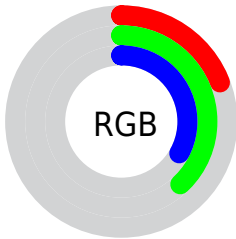
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 48, 77, 98 |
| Decimal | 3170901 |
| CIE Lab | 37.88, -20.41, 2.22 |
| CIE LCh | 38, 20.533, 173.805 |
| Yxy | 10.0196, 0.2638, 0.3658 |
| Android (android.graphics.Color) | 4281360981 (0xFF306255) |
| YUV | 81.5680, 1.6920, -29.4391 |
| Hunter-Lab | 31.6538, -14.6440, 3.1507 |

Details

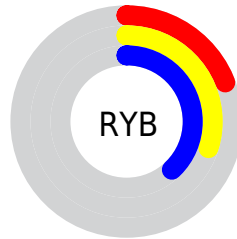
The Hex color **306255** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62303D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **629587**, and **003328** is the 20% darker color. If you saturate the color by 10%, you get **266252**, and if you desaturate by 10%, it is **3A6258**.

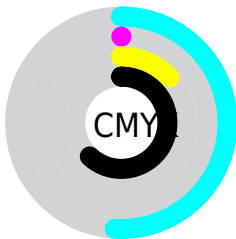
Distribution



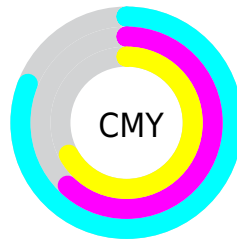
- Red (19%)
- Green (38%)
- Blue (33%)



- Red (19%)
- Yellow (30%)
- Blue (38%)



- Cyan (51%)
- Magenta (0%)
- Yellow (13%)
- Black (62%)



- Cyan (81%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306255 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 306255 by changing the saturation by 10% instead.



306255



306255

FFFFFF



164A3E



629587



003328



7CB0A1



001F14



96CBBC



000000



B2E8D7



CEFFF4



EAF0FF



306255



306255



266252



3A6258

■ 1C6250

■ 44625A

■ 13624D

■ 4D625D

■ 09624B

■ 57625F

■ 006249

■ 616262

■ 6B6264

■ 756267

■ 7E6269

■ 88626C

Harmonies

Analogous

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



446045



306255



216266

Triad

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



306255



575677



74513F

Complementary

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



306255



62303D

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.



7A4D4D



306255



6B506D

Square

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



306255



3D5C7A



774D5D



685738

Rectangle

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



306255



226170



774D5D



775043

Sweetspot

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



306255



6C807B



3D6230



34403D



BFBFBF



404040

Same Dimension

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



306255



32806B



305662



2C302F



007053



00F0B1

Inverse Universe

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



62303D



803246



623C30



302C2D



70001D



F0003E

Previews

White Background



This preview shows how the Hex color 306255 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 306255 Background



This preview shows how black text looks on a background with the Hex color 306255.



This preview shows how white text looks on a background with the Hex color 306255.

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
306255

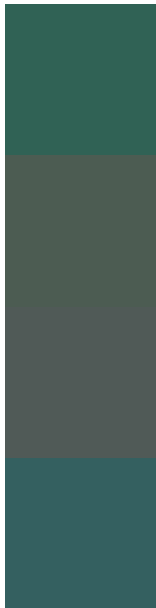
Protanopia
5C5850

Deuteranopia
625658



Tritanopia
365F67

Trichromacy



Original Color
306255

Protanomaly
4C5C52

Deuteranomaly
505A57

Tritanomaly
346060

Monochromacy



Original Color
306255

Achromatopsia
525252

Achromatomaly
465853

CSS Examples

Text

The CSS property to change the color of the text to Hex 306255 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 #306255 looks like.

```
.text, #text, p{  
    color:#306255  
}
```

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 #306255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306255
}
```

Border

The CSS property to change the border of an element to Hex 306255 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
#306255 }
```

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

```
.border{ border-color:#306255 }
```

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

Here you see how a box with a 4 pixel #306255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306255; -webkit-box-shadow:4px 4px  
4px 4px #306255; box-shadow:4px 4px 4px  
4px #306255 }
```

Background

The CSS property to change the background color of an element to Hex 306255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306255 }
```

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

```
.background{ background-color:#306255 }
```

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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