

Converting Colors

Hex(306123)

Have a look what the booklet for
Hex(306123) contains.

Hex(306123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(306123)

Conversions

Conversions Part 1

Format	Color
Hex	306123
RGB	48, 97, 35
RGB Percent	19%, 38%, 14%
CMY	0.8118, 0.6196, 0.8627
CMYK	0.51, 0.00, 0.64, 0.62
HSL	107°, 47%, 26%
HSV	107°, 64%, 38%
XYZ	5.7970, 9.2991, 3.0795
YIQ	75.2810, -9.3020, -29.6700

Conversions

Conversions Part 2

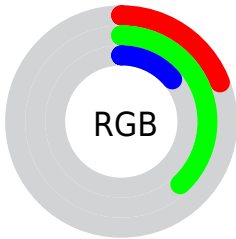
Format	Color
RYB	35, 97, 84
Decimal	3170595
CIELab	36.55, -29.71, 29.67
CIElCh	37, 41.992, 135.034
Yxy	9.2991, 0.3189, 0.5116
Android (android.graphics.Color)	4281360675 (0xFF306123)
YUV	75.2810, -19.8585, -23.9254
Hunter-Lab	30.4945, -19.4325, 15.3587

Details

The Hex color **306123** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **542361**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **639452**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **286119**, and if you desaturate by 10%, it is **38612D**.

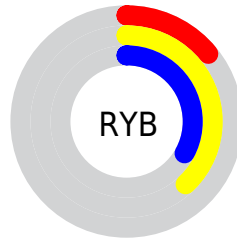
Distribution



Red (19%)

Green (38%)

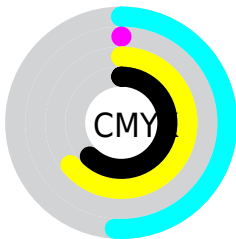
Blue (14%)



Red (14%)

Yellow (38%)

Blue (33%)

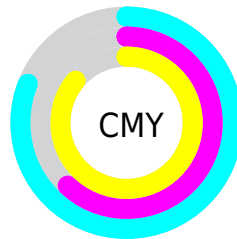


Cyan (51%)

Magenta (0%)

Yellow (64%)

Black (62%)



Cyan (81%)

Magenta (62%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 306123 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 306123 by changing the saturation by 10% instead.



306123



306123

FFFFFF



16490B



639452



003200



7DAF6B



001F00



97CB85



000000



B3E79F



CFFFBA



EBFFD6



FFFFFF3



306123



306123

■ 286119

■ 38612D

■ 216110

■ 3F6136

■ 196106

■ 476140

■ 146100

■ 4F614A

■ 566154

■ 5E615D

■ 666167

■ 6D6171

■ 75617A

Harmonies

Analogous

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



575A0B



306123



006543

Triad

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



306123



005F97



933646

Complementary

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



306123



542361

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.



8A3868



306123



335497

Square

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



306123



006485



6D4586



8A4027

Rectangle

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



306123



00665B



6D4586



923552

Sweetspot

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



306123



6A7D65



615423



344031



BFBFBF



404040

Same Dimension

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



306123



317D1D



236135



2D302C



187000



32F000

Inverse Universe

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



542361



691D7D



61234F



2F2C30



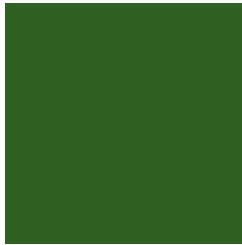
590070



BD00F0

Previews

White Background



This preview shows how the Hex color 306123 looks on a white background.

Color Contrast Check

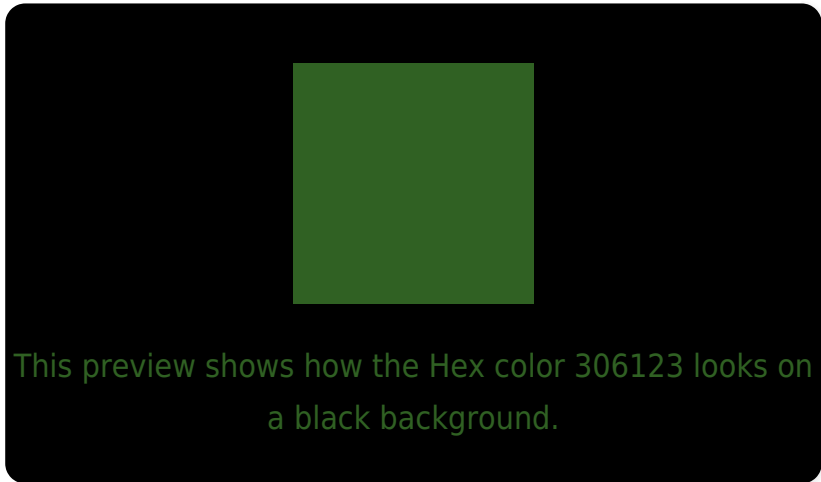
Large Text (above 18pt) WCAG AA ✓ Pass

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

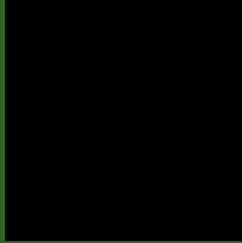
Any Text WCAG AA × Fail

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 306123 Background



This preview shows how black text looks on a background with the Hex color 306123.



This preview shows how white text looks on a background with the Hex color 306123.

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
306123

Protanopia
605620

Deuteranopia
6A5228



Tritanopia
3C5B62

Trichromacy



Original Color
306123

Protanomaly
4F5A21

Deuteranomaly
555726

Tritanomaly
385D4B

Monochromacy



Original Color
306123

Achromatopsia
4B4B4B

Achromatomaly
41533C

CSS Examples

Text

The CSS property to change the color of the text to Hex 306123 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 #306123 looks like.

```
.text, #text, p{  
    color:#306123  
}
```

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 #306123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #306123  
}
```

Border

The CSS property to change the border of an element to Hex 306123 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  
#306123 }
```

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

```
.border{ border-color:#306123 }
```

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

Here you see how a box with a 4 pixel #306123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #306123; -webkit-box-shadow:4px 4px  
4px 4px #306123; box-shadow:4px 4px 4px  
4px #306123 }
```

Background

The CSS property to change the background color of an element to Hex 306123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#306123 }
```

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

```
.background{ background-color:#306123 }
```

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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