

Converting Colors

Hex(307022)

Have a look what the booklet for
Hex(307022) contains.

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Color

Hex(307022)

Conversions

Conversions Part 1

Format	Color
Hex	307022
RGB	48, 112, 34
RGB Percent	19%, 44%, 13%
CMY	0.8118, 0.5608, 0.8667
CMYK	0.57, 0.00, 0.70, 0.56
HSL	109°, 53%, 29%
HSV	109°, 70%, 44%
XYZ	7.3018, 12.3322, 3.5089
YIQ	83.9720, -13.1060, -37.8260

Conversions

Conversions Part 2

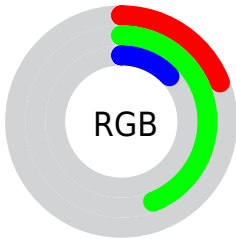
Format	Color
RYB	34, 112, 98
Decimal	3174434
CIELab	41.74, -36.32, 35.91
CIElCh	42, 51.074, 135.331
Yxy	12.3322, 0.3155, 0.5329
Android (android.graphics.Color)	4281364514 (0xFF307022)
YUV	83.9720, -24.6362, -31.5474
Hunter-Lab	35.1173, -24.3402, 18.6579

Details

The Hex color **307022** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **622270**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **65A453**, and **003F00** is the 20% darker color. If you saturate the color by 10%, you get **277017**, and if you desaturate by 10%, it is **39702D**.

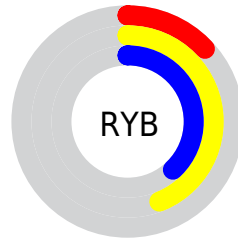
Distribution



Red (19%)

Green (44%)

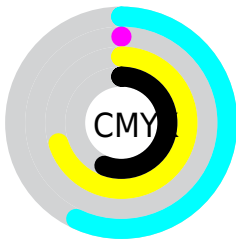
Blue (13%)



Red (13%)

Yellow (44%)

Blue (38%)

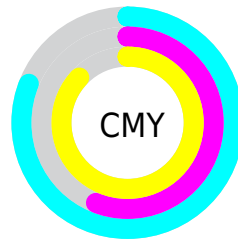


Cyan (57%)

Magenta (0%)

Yellow (70%)

Black (56%)



Cyan (81%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 307022 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 307022 by changing the saturation by 10% instead.

 307022

 307022

FFFFFF

 125707

 65A453

 003F00

 80C06C

 002900

 9BDC86

 000C00

 B7F9A0

 000000

 D3FFBC

 F0FFD8

 FFFFF5

 307022

 307022

■ 277017

■ 39702D

■ 1E700C

■ 427038

■ 147000

■ 4C7044

■ 55704F

■ 5E705A

■ 677065

■ 707070

■ 7A707C

■ 837087

Harmonies

Analogous

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



626700



307022



00754C

Triad

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



307022



006DB4



AD384F

Complementary

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



307022



622270

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.



A33B79



307022



3260B4

Square

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



307022



00749E



7F4D9E



A24728

Rectangle

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



307022



007669



7F4D9E



AD375D

Sweetspot

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



307022



789173



706222



3B4A37



C9C9C9



4A4A4A

Same Dimension

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



307022



2D9117



22703B



333832



167800



2CF700

Inverse Universe

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



622270



7B1791



702257



373238



620078



CB00F7

Previews

White Background



This preview shows how the Hex color 307022 looks on a white background.

Color Contrast Check

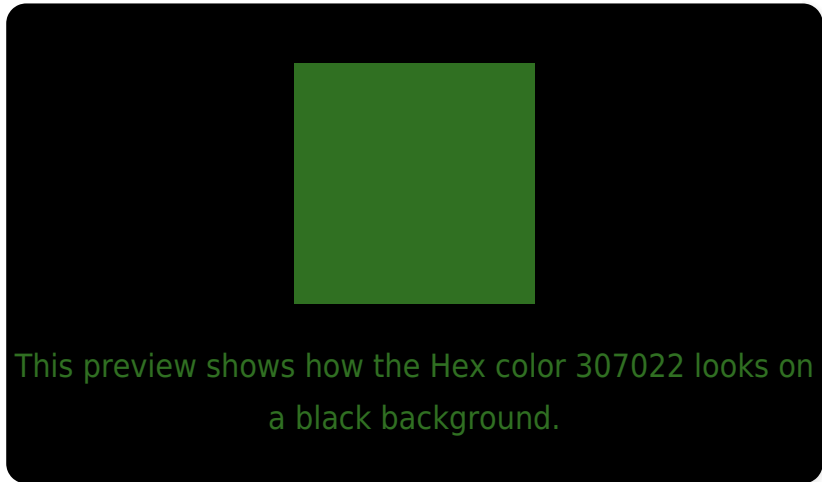
Large Text (above 18pt) WCAG AA ✓ Pass

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

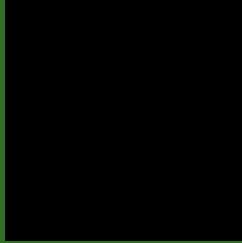
Any Text WCAG AA × Fail

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 307022 Background



This preview shows how black text looks on a background with the Hex color 307022.



This preview shows how white text looks on a background with the Hex color 307022.

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
307022

Protanopia
6E621E

Deuteranopia
7A5D29



Tritanopia
406971

Trichromacy



Original Color
307022

Protanomaly
57671F

Deuteranomaly
5F6426

Tritanomaly
3A6C54

Monochromacy



Original Color
307022

Achromatopsia
545454

Achromatomaly
475E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 307022 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 #307022 looks like.

```
.text, #text, p{  
    color:#307022  
}
```

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 #307022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #307022
}
```

Border

The CSS property to change the border of an element to Hex 307022 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
#307022 }
```

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

```
.border{ border-color:#307022 }
```

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

Here you see how a box with a 4 pixel #307022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #307022; -webkit-box-shadow:4px 4px  
4px 4px #307022; box-shadow:4px 4px 4px  
4px #307022 }
```

Background

The CSS property to change the background color of an element to Hex 307022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#307022 }
```

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

```
.background{ background-color:#307022 }
```

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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