

Converting Colors

Hex(325203)

Have a look what the booklet for
Hex(325203) contains.

Hex(325203)	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(325203)

Conversions

Conversions Part 1

Format	Color
Hex	325203
RGB	50, 82, 3
RGB Percent	20%, 32%, 1%
CMY	0.8039, 0.6784, 0.9882
CMYK	0.39, 0.00, 0.96, 0.68
HSL	84°, 93%, 17%
HSV	84°, 96%, 32%
XYZ	4.3491, 6.7193, 1.1539
YIQ	63.4260, 6.2870, -31.3530

Conversions

Conversions Part 2

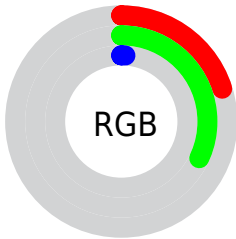
Format	Color
R_{YB}	3, 82, 35
Decimal	3297795
CIE Lab	31.16, -24.43, 37.38
CIE LCh	31, 44.657, 123.173
Yxy	6.7193, 0.3558, 0.5498
Android (android.graphics.Color)	4281487875 (0xFF325203)
YUV	63.4260, -29.7900, -11.7746
Hunter-Lab	25.9216, -15.4140, 15.5058

Details

The Hex color **325203** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **230352**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **648437**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **315200**, and if you desaturate by 10%, it is **35520B**.

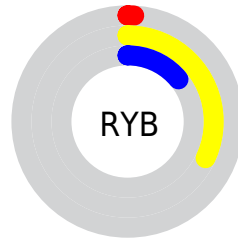
Distribution



Red (20%)

Green (32%)

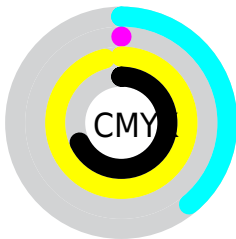
Blue (1%)



Red (1%)

Yellow (32%)

Blue (14%)

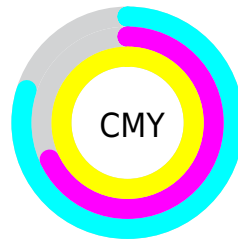


Cyan (39%)

Magenta (0%)

Yellow (96%)

Black (68%)



Cyan (80%)

Magenta (68%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 325203 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 325203 by changing the saturation by 10% instead.

 325203

 325203

 FFFFF0

 1B3B00

 648437

 002500

 7E9E4F

 000800

 99B968

 000000

 B4D582

 D0F19D

 EDFFB8

 FFFFD4

 325203

 325203

■ 315200

■ 35520B

■ 395213

■ 3C521C

■ 3F5224

■ 43522C

■ 465234

■ 49523C

■ 4D5245

■ 50524D

Harmonies

Analogous

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



564900



325203



005728

Triad

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



325203



005588



862347

Complementary

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



325203



230352

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.



762D69



325203



004C90

Square

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



325203



00596F



4D3E84



832B25

Rectangle

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



325203



005940



4D3E84



832453

Sweetspot

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



325203



5F6B4C



522303



2E3623



B5B5B5



363636

Same Dimension

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



325203



406B00



0B5203



272925



3E6900



8AE800

Inverse Universe

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



230352



2B006B



4A0352



262529



2A0069



5E00E8

Previews

White Background



This preview shows how the Hex color 325203 looks on a white background.

Color Contrast Check

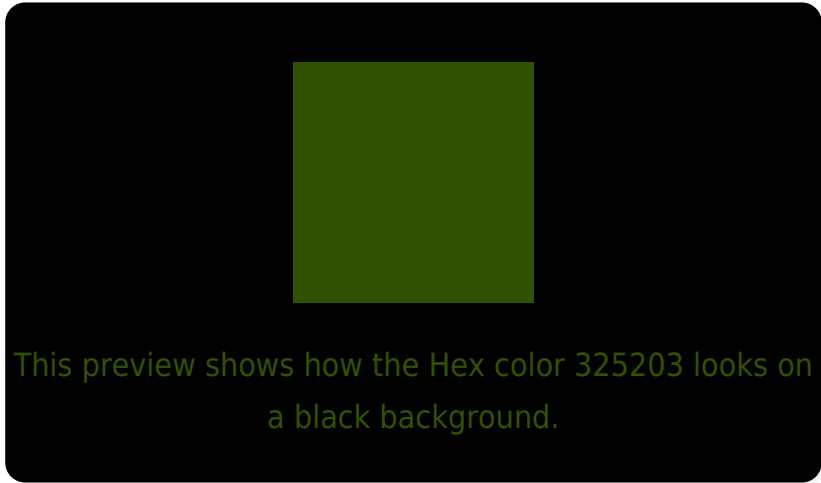
Large Text (above 18pt) WCAG AA ✓ Pass

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

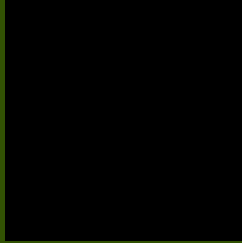
Any Text WCAG AA × Fail

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 325203 Background



This preview shows how black text looks on a background with the Hex color 325203.



This preview shows how white text looks on a background with the Hex color 325203.

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
325203

Protanopia
534900

Deuteranopia
5C4610



Tritanopia
3B4C52

Trichromacy



Original Color
325203

Protanomaly
474C01

Deuteranomaly
4D4A0B

Tritanomaly
384E35

Monochromacy



Original Color
325203

Achromatopsia
3F3F3F

Achromatomaly
3A4629

CSS Examples

Text

The CSS property to change the color of the text to Hex 325203 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 #325203 looks like.

```
.text, #text, p{  
    color:#325203  
}
```

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 #325203 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325203
}
```

Border

The CSS property to change the border of an element to Hex 325203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

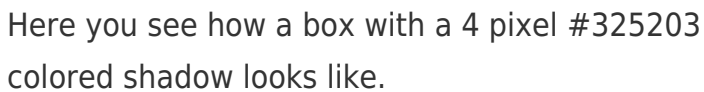
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#325203 }
```

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

```
.border{ border-color:#325203 }
```

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



Here you see how a box with a 4 pixel #325203 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325203; -webkit-box-shadow:4px 4px  
4px 4px #325203; box-shadow:4px 4px 4px  
4px #325203 }
```

Background

The CSS property to change the background color of an element to Hex 325203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325203 }
```

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

```
.background{ background-color:#325203 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor