

Converting Colors

Decimal(3303964)

Have a look what the booklet for
Decimal(3303964) contains.

Decimal(3303964)	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

Decimal(3303964)

Conversions

Conversions Part 1

Format	Color
Hex	326A1C
RGB	50, 106, 28
RGB Percent	20%, 42%, 11%
CMY	0.8039, 0.5843, 0.8902
CMYK	0.53, 0.00, 0.74, 0.58
HSL	103°, 58%, 26%
HSV	103°, 74%, 42%
XYZ	6.6790, 11.0700, 2.8833
YIQ	80.3640, -8.3380, -36.1300

Conversions

Conversions Part 2

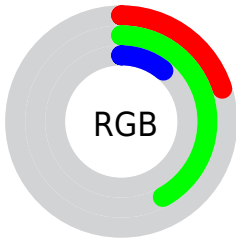
Format	Color
RYB	28, 106, 84
Decimal	3303964
CIELab	39.70, -33.75, 36.42
CIELCh	40, 49.651, 132.821
Yxy	11.0700, 0.3237, 0.5365
Android (android.graphics.Color)	4281494044 (0xFF326A1C)
YUV	80.3640, -25.8155, -26.6292
Hunter-Lab	33.2716, -22.3929, 18.1521

Details

The Decimal color **3303964** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5512298**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **6725197**, and **14848** is the 20% darker color. If you saturate the color by 10%, you get **2779665**, and if you desaturate by 10%, it is **3828263**.

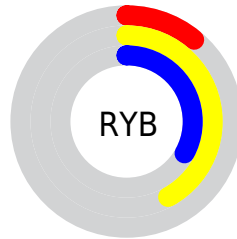
Distribution



Red (20%)

Green (42%)

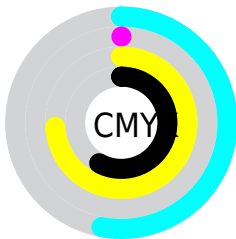
Blue (11%)



Red (11%)

Yellow (42%)

Blue (33%)

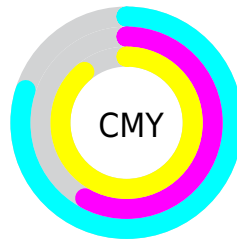


Cyan (53%)

Magenta (0%)

Yellow (74%)

Black (58%)



Cyan (80%)

Magenta (58%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3303964 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 Decimal color 3303964 by changing the saturation by 10% instead.



3303964



3303964

16777215



1462529



6725197



14848



8501606



9472



10278272



0



12054938



13959093



15859665



16777198



3303964



3303964

■ 2779665

■ 3828263

■ 2320903

■ 4287025

■ 1993216

■ 4811324

■ 5270086

■ 5794385

■ 6318684

■ 6777446

■ 7301745

■ 7760507

Harmonies

Analogous

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



6381824



3303964



28484

Triad

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



3303964



27051



10892366

Complementary

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



3303964



5512298

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.



10106998



3303964



2186413

Square

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



3303964



28564



7687065



10240296

Rectangle

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



3303964



28768



7687065



10761051

Sweetspot

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



3303964



7637611



6968348



3687731



12895428



4539717

Same Dimension

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



3303964



3377681



1862189



3290672



2192640



4584704

Inverse Universe

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



5512298



6820234



6954073



3420214



5505141



11534581

Previews

White Background



This preview shows how the Decimal color 3303964 looks on a white background.

Color Contrast Check

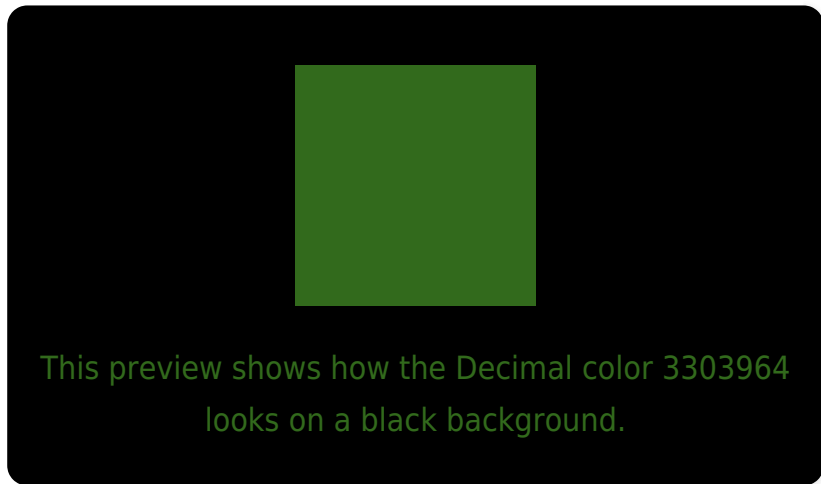
Large Text (above 18pt) WCAG AA ✓ Pass

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

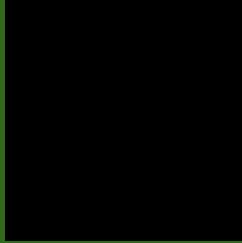
Any Text WCAG AA × Fail

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](#).

Decimal 3303964 Background



This preview shows how black text looks on a background with the Decimal color 3303964.



This preview shows how white text looks on a background with the Decimal color 3303964.

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
3303964

Protanopia
6905113

Deuteranopia
7624995



Tritanopia
4219755

Trichromacy



Original Color
3303964

Protanomaly
5595674

Deuteranomaly
6053664

Tritanomaly
3892814

Monochromacy



Original Color
3303964

Achromatopsia
5263440

Achromatomaly
4544829

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3303964 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 #326A1C looks like.

```
.text, #text, p{  
  color:#326A1C  
}
```

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 #326A1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #326A1C
}
```

Border

The CSS property to change the border of an element to Decimal 3303964 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
#326A1C }
```

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

```
.border{ border-color:#326A1C }
```

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

Here you see how a box with a 4 pixel #326A1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #326A1C; -webkit-box-shadow:4px 4px  
4px 4px #326A1C; box-shadow:4px 4px 4px  
4px #326A1C }
```

Background

The CSS property to change the background color of an element to Decimal 3303964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#326A1C }
```

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

```
.background{ background-color:#326A1C }
```

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