

Converting Colors

Decimal(3307264)

Have a look what the booklet for
Decimal(3307264) contains.

Decimal(3307264)	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(3307264)

Conversions

Conversions Part 1

Format	Color
Hex	327700
RGB	50, 119, 0
RGB Percent	20%, 47%, 0%
CMY	0.8039, 0.5333, 1.0000
CMYK	0.58, 0.00, 1.00, 0.53
HSL	95°, 100%, 23%
HSV	95°, 100%, 47%
XYZ	7.9122, 13.8718, 2.2605
YIQ	84.8030, -2.9250, -51.6370

Conversions

Conversions Part 2

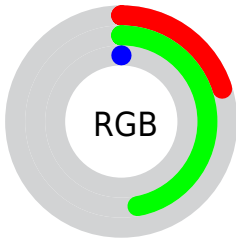
Format	Color
RYB	0, 119, 69
Decimal	3307264
CIELab	44.05, -40.51, 48.56
CIELCh	44, 63.242, 129.835
Yxy	13.8718, 0.3291, 0.5769
Android (android.graphics.Color)	4281497344 (0xFF327700)
YUV	84.8030, -41.8079, -30.5222
Hunter-Lab	37.2448, -27.2582, 22.4729

Details

The Decimal color **3307264** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4522103**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **6925374**, and **17664** is the 20% darker color. If you saturate the color by 10%, you get **3307264**, and if you desaturate by 10%, it is **3766028**.

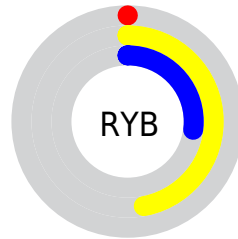
Distribution



Red (20%)

Green (47%)

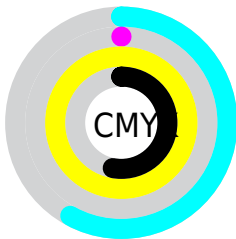
Blue (0%)



Red (0%)

Yellow (47%)

Blue (27%)

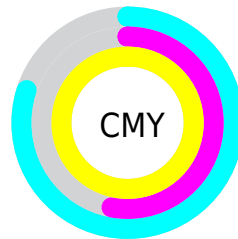


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (80%)

















Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3307264 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 3307264 by changing the saturation by 10% instead.

 3307264	 3307264
 16777214	 1138176
 6925374	 17664
 8767576	 11776
 10609778	 5888
 12451725	 0
 14352296	
 16252868	
 16777185	
 3307264	

■ 3766028

■ 4224792

■ 4683556

■ 5142320

■ 5601083

■ 5994311

■ 6453075

■ 6911839

■ 7370603

Harmonies

Analogous

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



7301888



3307264



32065

Triad

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



3307264



30923



12789593

Complementary

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



3307264



4522103

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.



11678862



3307264



27089

Square

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



3307264



32427



8278458



12140071

Rectangle

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



3307264



32614



8278458



12658539

Sweetspot

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



3307264



8428653



7815936



4149043



13619151



5197647

Same Dimension

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



3307264



4299776



30472



3619637



3373568



6945280

Inverse Universe

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



4522103



5898396



7798895



3683643



4653178



9502970

Previews

White Background



This preview shows how the Decimal color 3307264 looks on a white background.

Color Contrast Check

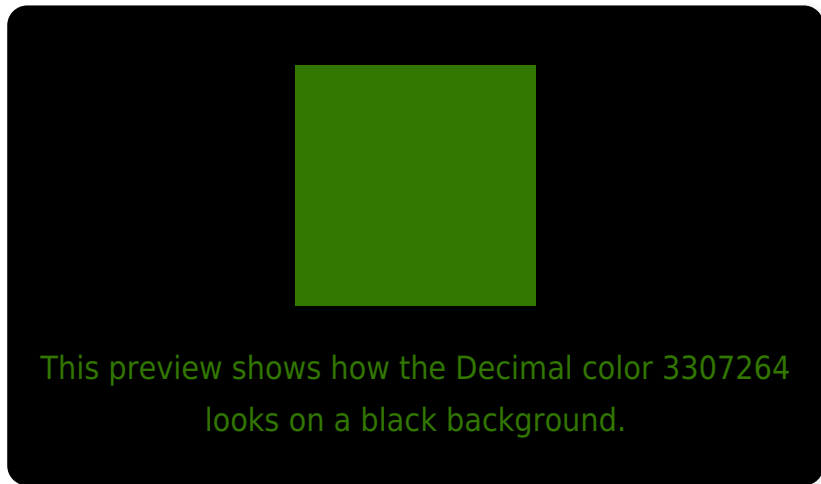
Large Text (above 18pt) WCAG AA ✓ Pass

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 3307264 Background



This preview shows how black text looks on a background with the Decimal color 3307264.



This preview shows how white text looks on a background with the Decimal color 3307264.

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
3307264

Protanopia
7694336

Deuteranopia
8610329



Tritanopia
4550520

Trichromacy



Original Color
3307264

Protanomaly
6122752

Deuteranomaly
6711824

Tritanomaly
4092492

Monochromacy



Original Color
3307264

Achromatopsia
5592405

Achromatomaly
4743478

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3307264 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 #327700 looks like.

```
.text, #text, p{  
    color:#327700  
}
```

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 #327700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327700
}
```

Border

The CSS property to change the border of an element to Decimal 3307264 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
#327700 }
```

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

```
.border{ border-color:#327700 }
```

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

Here you see how a box with a 4 pixel #327700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327700; -webkit-box-shadow:4px 4px  
4px 4px #327700; box-shadow:4px 4px 4px  
4px #327700 }
```

Background

The CSS property to change the background color of an element to Decimal 3307264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327700 }
```

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

```
.background{ background-color:#327700 }
```

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