

Converting Colors

Decimal(3309124)

Have a look what the booklet for
Decimal(3309124) contains.

Decimal(3309124)	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(3309124)

Conversions

Conversions Part 1

Format	Color
Hex	327E44
RGB	50, 126, 68
RGB Percent	20%, 49%, 27%
CMY	0.8039, 0.5059, 0.7333
CMYK	0.60, 0.00, 0.46, 0.51
HSL	134°, 43%, 35%
HSV	134°, 60%, 49%
XYZ	9.8196, 16.0172, 8.0429
YIQ	96.6640, -26.6780, -34.1500

Conversions

Conversions Part 2

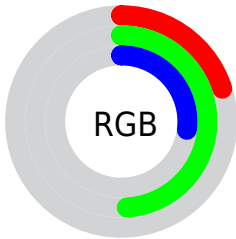
Format	Color
RYB	50, 111, 126
Decimal	3309124
CIELab	47.00, -36.92, 24.70
CIElCh	47, 44.423, 146.221
Yxy	16.0172, 0.2898, 0.4728
Android (android.graphics.Color)	4281499204 (0xFF327E44)
YUV	96.6640, -14.1314, -40.9243
Hunter-Lab	40.0215, -26.2409, 16.0998

Details

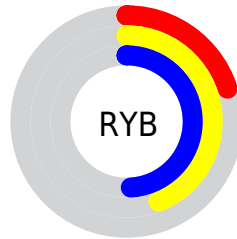
The Decimal color **3309124** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8270444**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **6861685**, and **19479** is the 20% darker color. If you saturate the color by 10%, you get **2457146**, and if you desaturate by 10%, it is **4161102**.

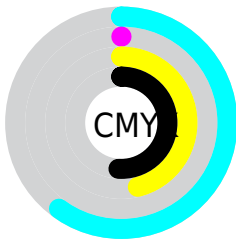
Distribution



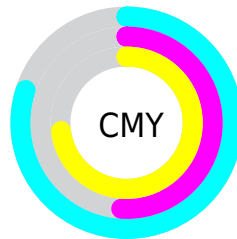
- Red (20%)
- Green (49%)
- Blue (27%)



- Red (20%)
- Yellow (44%)
- Blue (49%)



- Cyan (60%)
- Magenta (0%)
- Yellow (46%)
- Black (51%)



- Cyan (80%)
- Magenta (51%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3309124 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 3309124 by changing the saturation by 10% instead.

■ 3309124

■ 3309124

16777215

■ 1271085

■ 6861685

■ 19479

■ 8638351

■ 13312

■ 10415274

■ 8192

■ 12255173

■ 0

■ 14155745

■ 16056318

■ 3309124

■ 3309124

■ 2457146

■ 4161102

■ 1670705

■ 4947543

■ 818727

■ 5799521

■ 32286

■ 6585962

■ 7437940

■ 8289918

■ 9076359

■ 9928337

■ 10714779

Harmonies

Analogous

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



6518568



3309124



33129

Triad

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



3309124



30138



11751761

Complementary

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



3309124



8270444

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.



11554422



3309124



6908083

Square

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



3309124



32429



9984153



10772018

Rectangle

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



3309124



33411



9984153



11816541

Sweetspot

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



3309124



8823693



7110194



4215364



13750737



5395026

Same Dimension

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



3309124



3056458



3309162



3751995



32798



0

Inverse Universe

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



8270444



10694279



8270406



4208958



8388705



0

Previews

White Background



This preview shows how the Decimal color 3309124 looks on a white background.

Color Contrast Check

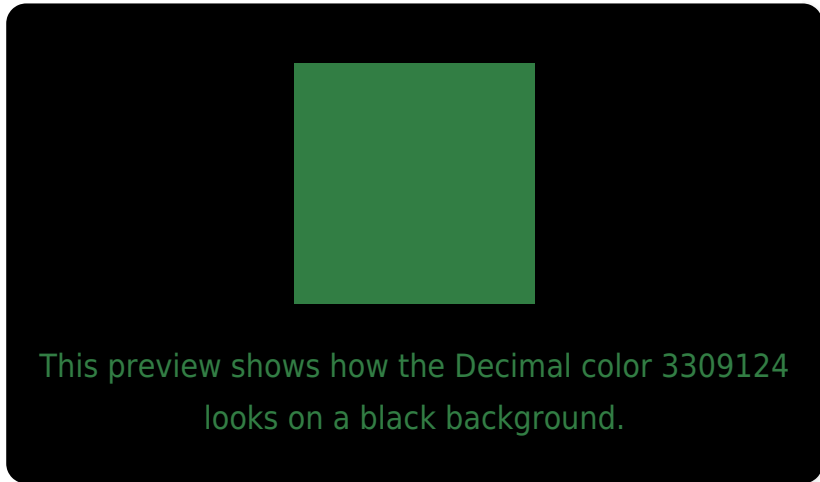
Large Text (above 18pt) WCAG AA ✓ Pass

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

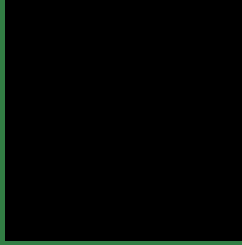
Any Text WCAG AA × Fail

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 3309124 Background



This preview shows how black text looks on a background with the Decimal color 3309124.

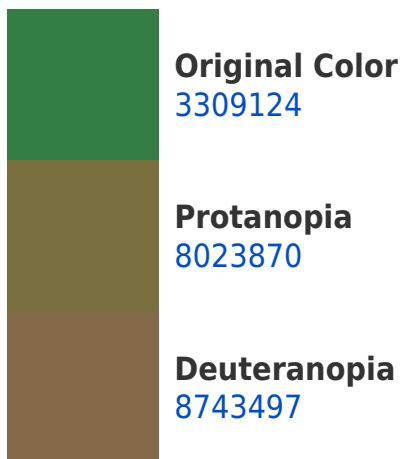


This preview shows how white text looks on a background with the Decimal color 3309124.

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



Trichromacy



Original Color
3309124

Protanomaly
6321216

Deuteranomaly
6779207

Tritanomaly
4029035

Monochromacy



Original Color
3309124

Achromatopsia
6381921

Achromatomaly
5270614

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3309124 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 #327E44 looks like.

```
.text, #text, p{  
    color:#327E44  
}
```

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 #327E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327E44
}
```

Border

The CSS property to change the border of an element to Decimal 3309124 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
#327E44 }
```

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

```
.border{ border-color:#327E44 }
```

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

Here you see how a box with a 4 pixel #327E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327E44; -webkit-box-shadow:4px 4px  
4px 4px #327E44; box-shadow:4px 4px 4px  
4px #327E44 }
```

Background

The CSS property to change the background color of an element to Decimal 3309124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327E44 }
```

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

```
.background{ background-color:#327E44 }
```

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