

Converting Colors

Decimal(3295792)

Have a look what the booklet for
Decimal(3295792) contains.

Decimal(3295792)	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(3295792)

Conversions

Conversions Part 1

Format	Color
Hex	324A30
RGB	50, 74, 48
RGB Percent	20%, 29%, 19%
CMY	0.8039, 0.7098, 0.8118
CMYK	0.32, 0.00, 0.35, 0.71
HSL	115°, 21%, 24%
HSV	115°, 35%, 29%
XYZ	4.2977, 5.7891, 3.6872
YIQ	63.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

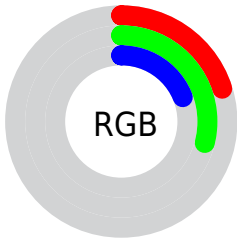
Format	Color
R_{YB}	48, 74, 72
Decimal	3295792
CIE _{Lab}	28.87, -15.29, 12.66
CIE _{LCh}	29, 19.855, 140.374
Yxy	5.7891, 0.3120, 0.4203
Android (android.graphics.Color)	4281485872 (0xFF324A30)
YUV	63.8600, -7.8190, -12.1552
Hunter-Lab	24.0605, -10.2223, 7.7563

Details

The Decimal color **3295792** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4730954**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **6388574**, and **466433** is the 20% darker color. If you saturate the color by 10%, you get **2837033**, and if you desaturate by 10%, it is **3754551**.

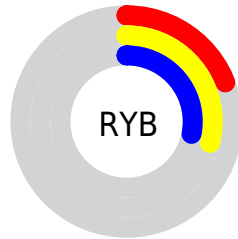
Distribution



Red (20%)

Green (29%)

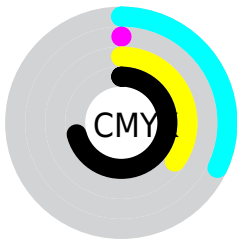
Blue (19%)



Red (19%)

Yellow (29%)

Blue (28%)

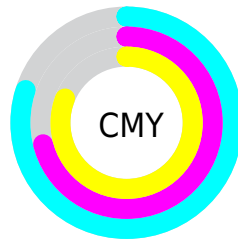


Cyan (32%)

Magenta (0%)

Yellow (35%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3295792 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 3295792 by changing the saturation by 10% instead.



3295792



3295792

16777215



1848091



6388574



466433



8033655



0



9744273



11520939



13363143



15204323



3295792



3295792



2837033



3754551

■ 2378273

■ 4213311

■ 1985050

■ 4606534

■ 1526290

■ 5065294

■ 1067531

■ 5524053

■ 608772

■ 5982812

■ 412160

■ 6441572

■ 6900331

■ 7293555

Harmonies

Analogous

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



4474407



3295792



1985598

Triad

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



3295792



2443106



6437178

Complementary

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



3295792



4730954

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.



6240586



3295792



4145761

Square

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



3295792



543579



5454936



6110253

Rectangle

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



3295792



1002569



5454936



6436927

Sweetspot

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



3295792



5726550



4868144



2830378



11579568



3158064

Same Dimension

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



3295792



3891512



3164731



2303522



550400



1238528

Inverse Universe

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



4730954



6174817



4862015



2499110



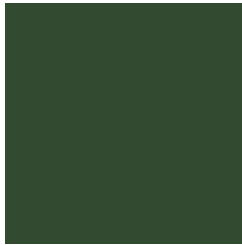
6160486



13893862

Previews

White Background



This preview shows how the Decimal color 3295792 looks on a white background.

Color Contrast Check

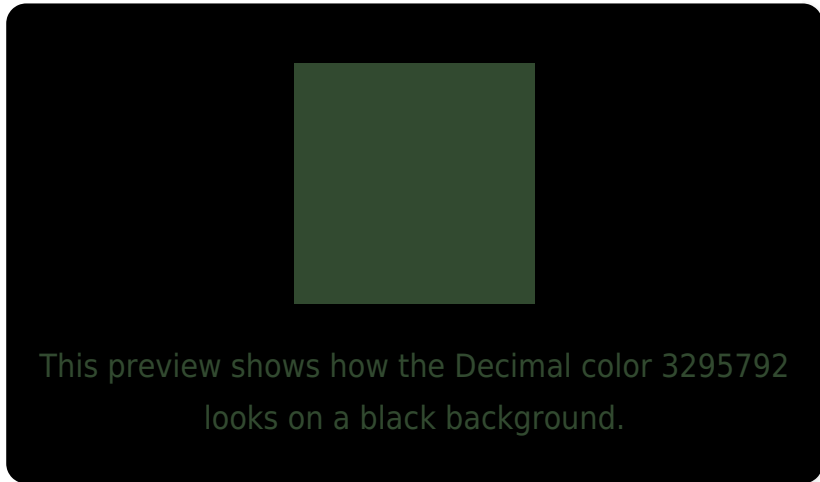
Large Text (above 18pt) WCAG AA ✓ Pass

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

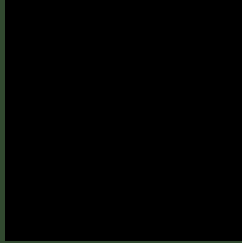
Any Text WCAG AA × Fail

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](#).

Decimal 3295792 Background



This preview shows how black text looks on a background with the Decimal color 3295792.



This preview shows how white text looks on a background with the Decimal color 3295792.

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](#).

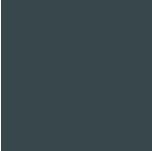
Dichromacy



Original Color
3295792

Protanopia
4867117

Deuteranopia
5259570



Tritanopia
3622732

Trichromacy



Original Color

3295792

Protanomaly

4277806

Deuteranomaly

4539441

Tritanomaly

3491906

Monochromacy



Original Color

3295792

Achromatopsia

4210752

Achromatomaly

3884090

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3295792 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 #324A30 looks like.

```
.text, #text, p{  
    color:#324A30  
}
```

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 #324A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324A30
}
```

Border

The CSS property to change the border of an element to Decimal 3295792 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".

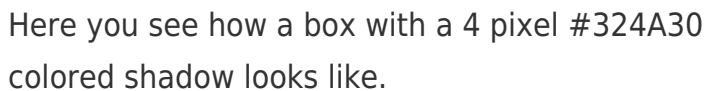
```
.border, #border, table{ border:4px solid
#324A30 }
```

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

```
.border{ border-color:#324A30 }
```

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

Here you see how a box with a 4 pixel #324A30 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324A30; -webkit-box-shadow:4px 4px  
4px 4px #324A30; box-shadow:4px 4px 4px  
4px #324A30 }
```

Background

The CSS property to change the background color of an element to Decimal 3295792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324A30 }
```

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

```
.background{ background-color:#324A30 }
```

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