

Converting Colors

Decimal(3300249)

Have a look what the booklet for
Decimal(3300249) contains.

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Color

Decimal(3300249)

Conversions

Conversions Part 1

Format	Color
Hex	325B99
RGB	50, 91, 153
RGB Percent	20%, 36%, 60%
CMY	0.8039, 0.6431, 0.4000
CMYK	0.67, 0.41, 0.00, 0.40
HSL	216°, 51%, 40%
HSV	216°, 67%, 60%
XYZ	10.8062, 10.4602, 31.5865
YIQ	85.8090, -44.3380, 10.5900

Conversions

Conversions Part 2

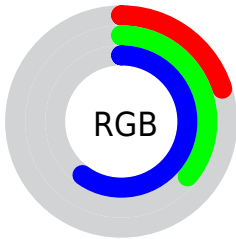
Format	Color
R_{YB}	50, 79, 153
Decimal	3300249
CIE _{Lab}	38.66, 6.64, -38.16
CIE _{LCh}	39, 38.735, 279.866
Yxy	10.4602, 0.2045, 0.1979
Android (android.graphics.Color)	4281490329 (0xFF325B99)
YUV	85.8090, 33.1252, -31.4045
Hunter-Lab	32.3422, 3.0419, -35.2650

Details

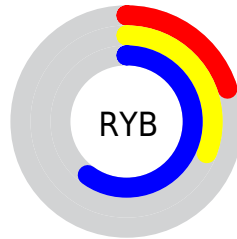
The Decimal color **3300249** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10055730**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **7048656**, and **11877** is the 20% darker color. If you saturate the color by 10%, you get **2314905**, and if you desaturate by 10%, it is **4285593**.

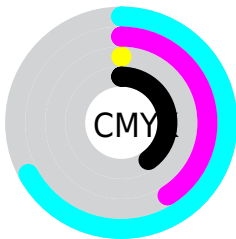
Distribution



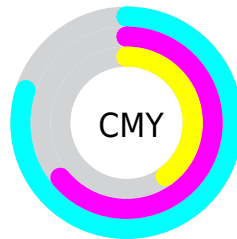
- Red (20%)
- Green (36%)
- Blue (60%)



- Red (20%)
- Yellow (31%)
- Blue (60%)



- Cyan (67%)
- Magenta (41%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3300249 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 3300249 by changing the saturation by 10% instead.

■ 3300249

■ 3300249

16777215

■ 738431

■ 7048656

■ 11877

■ 8890348

■ 6733

■ 10732287

■ 1078

■ 12639999

■ 544

■ 14547711

■ 3

■ 16449535

■ 0

■ 3300249

■ 3300249

■ 2314905

■ 4285593

■ 1264025

■ 5336473

■ 278425

■ 6322073

■ 15769

■ 7307417

■ 8292761

■ 9343641

■ 10328985

■ 11314585

■ 12365465

Harmonies

Analogous

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



25750



3300249



6966923

Triad

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



3300249



9389620



26948

Complementary

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



3300249



10055730

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.



4219944



3300249



8213022

Square

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



3300249



9780818



6446360



27237

Rectangle

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



3300249



8472187



6446360



2123834

Sweetspot

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



3300249



10465223



3316080



5002595



14935011



6513507

Same Dimension

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



3300249



2516679



3945113



4540493



14476



1293

Inverse Universe

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



10039899



13051494



9410866



5064008



9175096



851973

Previews

White Background



This preview shows how the Decimal color 3300249 looks on a white background.

Color Contrast Check

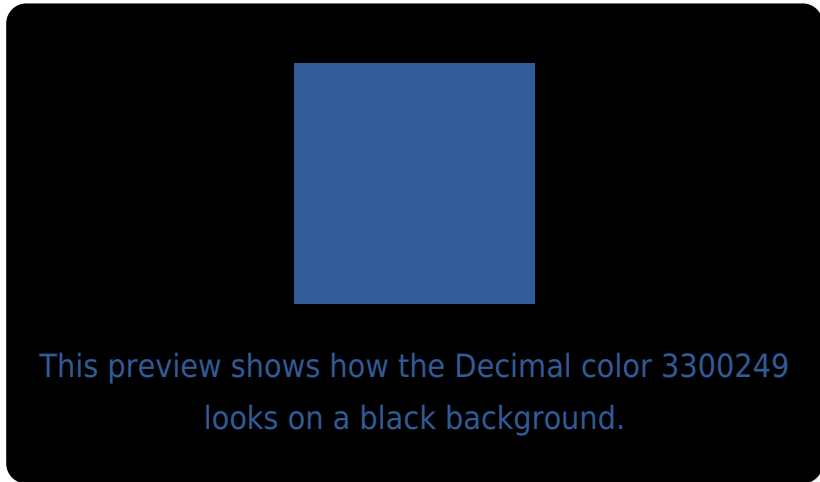
Large Text (above 18pt) WCAG AA ✓ Pass

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

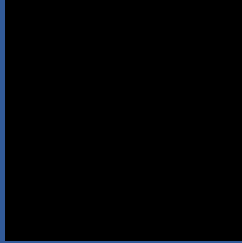
Any Text WCAG AA × Fail

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 3300249 Background



This preview shows how black text looks on a background with the Decimal color 3300249.



This preview shows how white text looks on a background with the Decimal color 3300249.

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
3300249

Protanopia
4282775

Deuteranopia
3103641



Tritanopia
1139821

Trichromacy



Original Color
3300249

Protanomaly
3955352

Deuteranomaly
3169177

Tritanomaly
1925501

Monochromacy



Original Color
3300249

Achromatopsia
5658198

Achromatomaly
4806766

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3300249 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 #325B99 looks like.

```
.text, #text, p{  
    color:#325B99  
}
```

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 #325B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325B99
}
```

Border

The CSS property to change the border of an element to Decimal 3300249 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
#325B99 }
```

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

```
.border{ border-color:#325B99 }
```

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

Here you see how a box with a 4 pixel #325B99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325B99; -webkit-box-shadow:4px 4px  
4px 4px #325B99; box-shadow:4px 4px 4px  
4px #325B99 }
```

Background

The CSS property to change the background color of an element to Decimal 3300249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325B99 }
```

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

```
.background{ background-color:#325B99 }
```

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](#).

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