

# Converting Colors

Decimal(3366307)

Have a look what the booklet for  
Decimal(3366307) contains.

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# Color

**Decimal(3366307)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	335DA3
RGB	51, 93, 163
RGB Percent	20%, 36%, 64%
CMY	0.8000, 0.6353, 0.3608
CMYK	0.69, 0.43, 0.00, 0.36
HSL	218°, 52%, 42%
HSV	218°, 69%, 64%
XYZ	11.8905, 11.1769, 36.1810
YIQ	88.4220, -47.5020, 12.8660

# Conversions

## Conversions Part 2

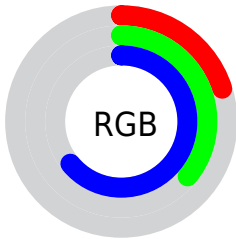
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 82, 163
Decimal	3366307
CIE <sub>Lab</sub>	39.88, 9.22, -42.19
CIE <sub>LCh</sub>	40, 43.184, 282.327
Yxy	11.1769, 0.2007, 0.1886
Android (android.graphics.Color)	4281556387 (0xFF335DA3)
YUV	88.4220, 36.7670, -32.8191
Hunter-Lab	33.4318, 4.9802, -40.7633

# Details

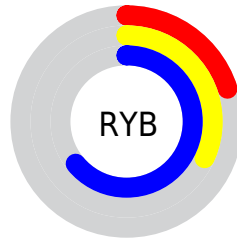
The Decimal color **3366307** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10713395**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **7245786**, and **12399** is the 20% darker color. If you saturate the color by 10%, you get **2315171**, and if you desaturate by 10%, it is **4417443**.

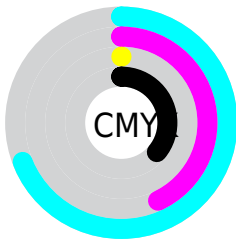
# Distribution



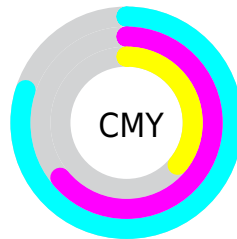
- Red (20%)
- Green (36%)
- Blue (64%)



- Red (20%)
- Yellow (32%)
- Blue (64%)



- Cyan (69%)
- Magenta (43%)
- Yellow (0%)
- Black (36%)



- Cyan (80%)
- Magenta (64%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3366307 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 3366307 by changing the saturation by 10% instead.





3366307



3366307

16777215



476808



7245786



12399



9087479



7254



10994943



62



12837119



807



14810623



273

16711679



0



3366307



3366307



2315171



4417443

■ 1198499

■ 5534115

■ 147107

■ 6585507

■ 15779

■ 7636643

■ 8753315

■ 9804451

■ 10855587

■ 11906979

■ 13023651

# Harmonies

## Analogous

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



26785



3366307



7491218

# Triad

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



3366307



9913904



27975

# Complementary

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



3366307



10713395

# 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.



3893542



3366307



8475927

# Square

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



3366307



10370385



6512912



28524

# Rectangle

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



3366307



9127039



6512912



683068



# Sweetspot

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



3366307



10991828



3384184



5266027



15461355



7039851



# Same Dimension

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



3366307



2516948



4207523



4803922



14225



1810



# Inverse Universe

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



10695517



13903463



9872179



5392717



9502775



1179655



# Previews

## White Background



This preview shows how the Decimal color 3366307 looks on a white background.

## Color Contrast Check

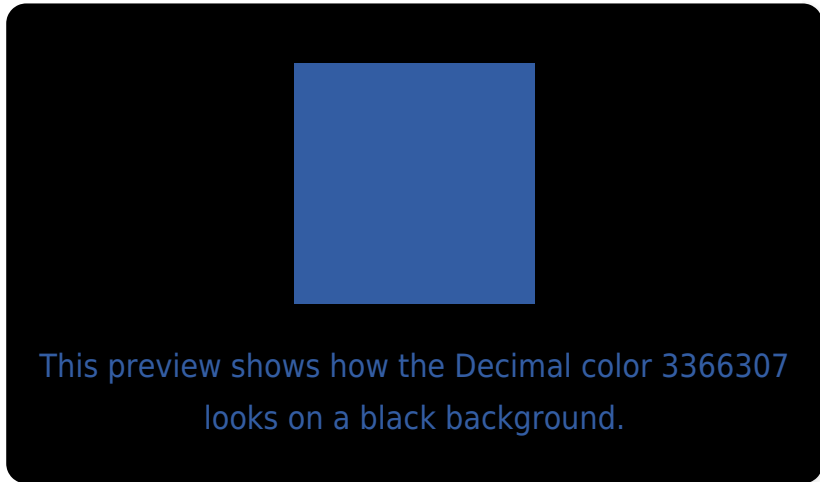
Large Text (above 18pt) WCAG AA ✓ Pass

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 3366307 Background



This preview shows how black text looks on a background with the Decimal color 3366307.



This preview shows how white text looks on a background with the Decimal color 3366307.

# 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**

3366307

**Protanopia**

4152225

**Deuteranopia**

2514851



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3366307 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 #335DA3 looks like.

```
.text, #text, p{  
    color:#335DA3  
}
```

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 #335DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335DA3
}
```

## Border

The CSS property to change the border of an element to Decimal 3366307 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
#335DA3 }
```

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

```
.border{ border-color:#335DA3 }
```

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

Here you see how a box with a 4 pixel #335DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335DA3; -webkit-box-shadow:4px 4px  
4px 4px #335DA3; box-shadow:4px 4px 4px  
4px #335DA3 }
```

# Background

The CSS property to change the background color of an element to Decimal 3366307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335DA3 }
```

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

```
.background{ background-color:#335DA3 }
```

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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