

Converting Colors

Decimal(3374305)

Have a look what the booklet for
Decimal(3374305) contains.

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Color

Decimal(3374305)

Conversions

Conversions Part 1

Format	Color
Hex	337CE1
RGB	51, 124, 225
RGB Percent	20%, 49%, 88%
CMY	0.8000, 0.5137, 0.1176
CMYK	0.77, 0.45, 0.00, 0.12
HSL	215°, 74%, 54%
HSV	215°, 77%, 88%
XYZ	22.1635, 20.5554, 74.0336
YIQ	113.6870, -75.9290, 15.9350

Conversions

Conversions Part 2

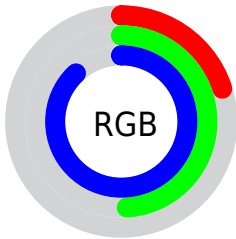
Format	Color
R_{YB}	51, 102, 225
Decimal	3374305
CIE Lab	52.46, 12.67, -57.83
CIE LCh	52, 59.206, 282.357
Yxy	20.5554, 0.1898, 0.1761
Android (android.graphics.Color)	4281564385 (0xFF337CE1)
YUV	113.6870, 54.8773, -54.9765
Hunter-Lab	45.3380, 7.9183, -65.0796

Details

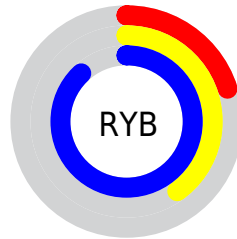
The Decimal color **3374305** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **14784563**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **8040703**, and **19625** is the 20% darker color. If you saturate the color by 10%, you get **1863649**, and if you desaturate by 10%, it is **4819425**.

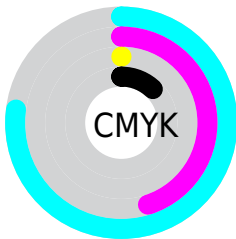
Distribution



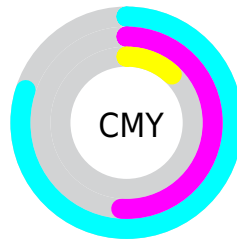
- Red (20%)
- Green (49%)
- Blue (88%)



- Red (20%)
- Yellow (40%)
- Blue (88%)



- Cyan (77%)
- Magenta (45%)
- Yellow (0%)
- Black (12%)

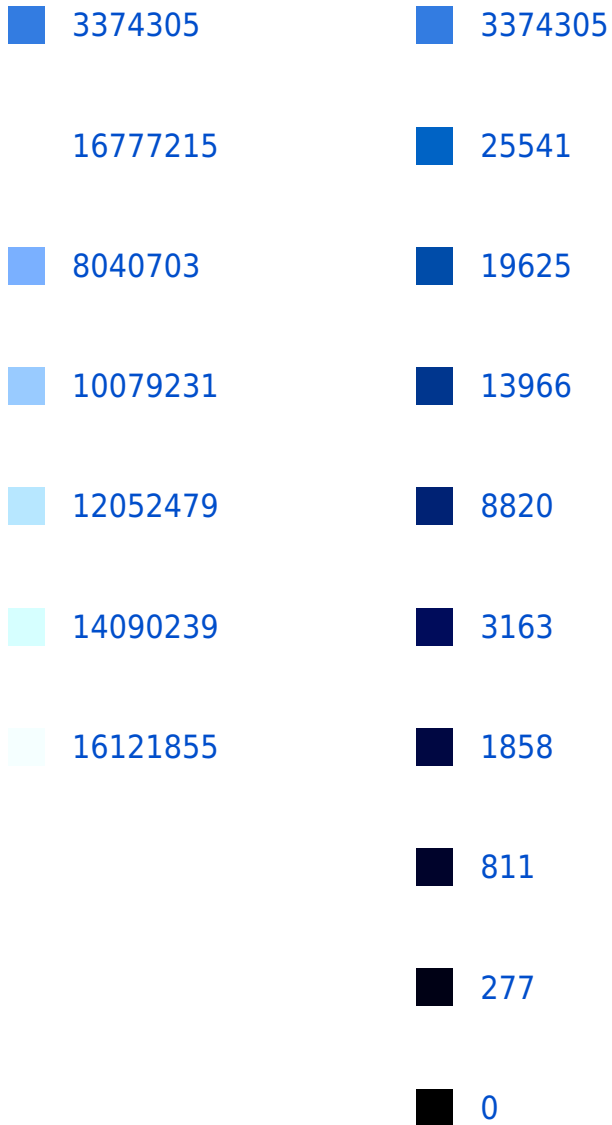


- Cyan (80%)
- Magenta (51%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3374305 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 3374305 by changing the saturation by 10% instead.



■ 3374305

■ 3374305

■ 1863649

■ 4819425

■ 418529

■ 6330081

■ 24289

■ 7775201

■ 9285857

■ 10730977

■ 12241633

■ 13686753

■ 15197409

■ 16642785

Harmonies

Analogous

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



35806



3374305



10118857

Triad

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



3374305



13457979



37724

Complementary

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



3374305



14784563

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.



4820267



3374305



11431951

Square

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



3374305



14174826



8552704



38289

Rectangle

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



3374305



12408493



8552704



37195

Sweetspot

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



3374305



12901887



3400086



6056832



0



8421504

Same Dimension

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



3374305



1209855



4142049



6646384



19120



5168

Inverse Universe

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



14758780



16716405



14016819



7365994



11534410



3145748

Previews

White Background



This preview shows how the Decimal color 3374305 looks on a white 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

Black Background



This preview shows how the Decimal color 3374305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

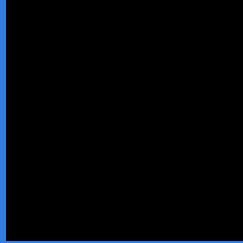
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

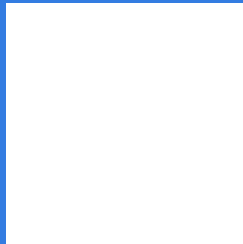
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 3374305 Background



This preview shows how black text looks on a background with the Decimal color 3374305.

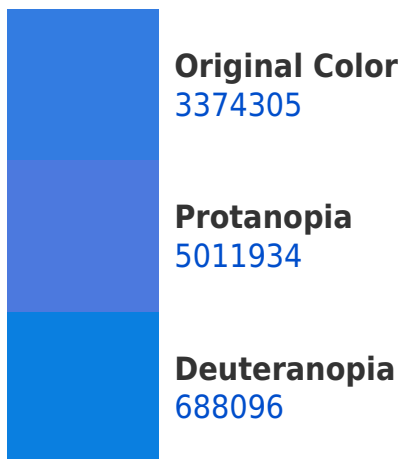


This preview shows how white text looks on a background with the Decimal color 3374305.

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](#).

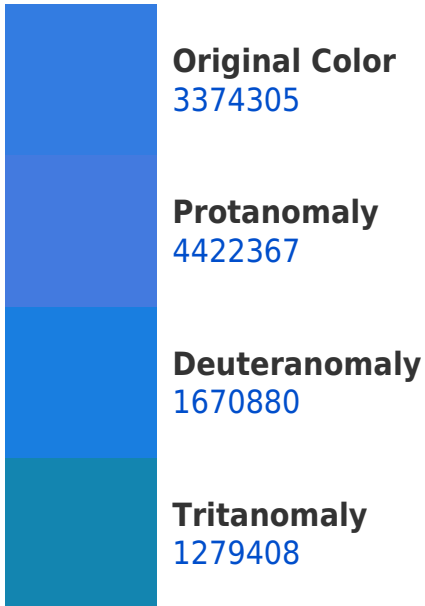
Dichromacy





Tritanopia
35476

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3374305 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 #337CE1 looks like.

```
.text, #text, p{  
  color:#337CE1  
}
```

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 #337CE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #337CE1
}
```

Border

The CSS property to change the border of an element to Decimal 3374305 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
#337CE1 }
```

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

```
.border{ border-color:#337CE1 }
```

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

Here you see how a box with a 4 pixel #337CE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #337CE1; -webkit-box-shadow:4px 4px  
4px 4px #337CE1; box-shadow:4px 4px 4px  
4px #337CE1 }
```

Background

The CSS property to change the background color of an element to Decimal 3374305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#337CE1 }
```

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

```
.background{ background-color:#337CE1 }
```

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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