

Converting Colors

Decimal(3375052)

Have a look what the booklet for
Decimal(3375052) contains.

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Color

Decimal(3375052)

Conversions

Conversions Part 1

Format	Color
Hex	337FCC
RGB	51, 127, 204
RGB Percent	20%, 50%, 80%
CMY	0.8000, 0.5020, 0.2000
CMYK	0.75, 0.38, 0.00, 0.20
HSL	210°, 60%, 50%
HSV	210°, 75%, 80%
XYZ	19.8537, 20.2422, 59.9875
YIQ	113.0540, -70.0130, 7.8350

Conversions

Conversions Part 2

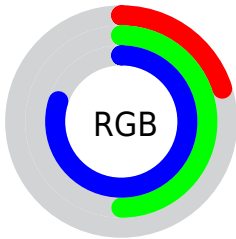
Format	Color
R _Y B	51, 102, 204
Decimal	3375052
CIE Lab	52.11, 3.09, -46.53
CIE LCh	52, 46.629, 273.801
Yxy	20.2422, 0.1984, 0.2023
Android (android.graphics.Color)	4281565132 (0xFF337FCC)
YUV	113.0540, 44.8364, -54.4214
Hunter-Lab	44.9913, 0.0334, -47.5582

Details

The Decimal color **3375052** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark muted azure. A complement of this color would be **13402163**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **7713791**, and **20373** is the 20% darker color. If you saturate the color by 10%, you get **2061772**, and if you desaturate by 10%, it is **4688332**.

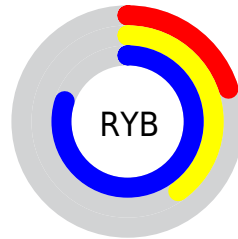
Distribution



Red (20%)

Green (50%)

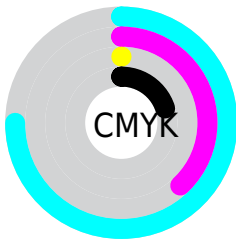
Blue (80%)



Red (20%)

Yellow (40%)

Blue (80%)

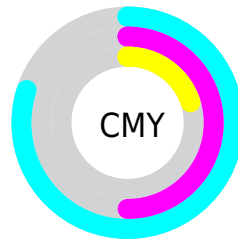


Cyan (75%)

Magenta (38%)

Yellow (0%)

Black (20%)



Cyan (80%)

Magenta (50%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3375052 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 3375052 by changing the saturation by 10% instead.



3375052



3375052

16777215



26288



7713791



20373



9687039



14459



11660287



9314



13631487



3401



15597567



1074



540



0



3375052



3375052

■ 2061772

■ 4688332

■ 682700

■ 6067404

■ 26060

■ 7380684

■ 8759500

■ 10072780

■ 11386316

■ 12765132

■ 14078412

■ 15457228

Harmonies

Analogous

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



35523



3375052



8745151

Triad

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



3375052



12738386



2592087

Complementary

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



3375052



13402163

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.



6588214



3375052



11431220

Square

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



3375052



12933241



9337895



36992

Rectangle

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



3375052



10839468



9337895



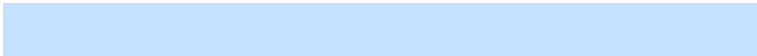
4295755

Sweetspot

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



3375052



12902911



3394688



6057600



0



8421504

Same Dimension

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



3375052



1674495



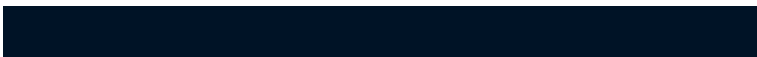
3355596



6054246



21158



4902

Inverse Universe

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



13382527



16718220



13421619



6708321



10879058



2490387

Previews

White Background



This preview shows how the Decimal color 3375052 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 3375052 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 3375052 Background



This preview shows how black text looks on a background with the Decimal color 3375052.



This preview shows how white text looks on a background with the Decimal color 3375052.

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
3375052

Protanomaly
5143497

Deuteranomaly
4160973

Monochromacy



Original Color
3375052

Achromatopsia
7434609

Achromatomaly
5928594

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3375052 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 #337FCC looks like.

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

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 #337FCC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 3375052 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
#337FCC }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 3375052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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