

Converting Colors

Decimal(3371263)

Have a look what the booklet for
Decimal(3371263) contains.

Decimal(3371263)	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(3371263)

Conversions

Conversions Part 1

Format	Color
Hex	3370FF
RGB	51, 112, 255
RGB Percent	20%, 44%, 100%
CMY	0.8000, 0.5608, 0.0000
CMYK	0.80, 0.56, 0.00, 0.00
HSL	222°, 100%, 60%
HSV	222°, 80%, 100%
XYZ	25.2094, 19.5121, 97.0453
YIQ	110.0630, -82.2590, 31.5410

Conversions

Conversions Part 2

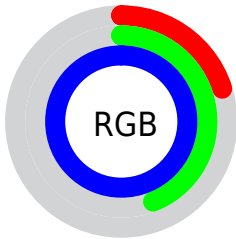
Format	Color
R_{YB}	51, 98, 255
Decimal	3371263
CIE _{Lab}	51.28, 31.25, -76.47
CIE _{LCh}	51, 82.608, 292.225
Yxy	19.5121, 0.1778, 0.1376
Android (android.graphics.Color)	4281561343 (0xFF3370FF)
YUV	110.0630, 71.4539, -51.7983
Hunter-Lab	44.1726, 24.5685, -99.3369

Details

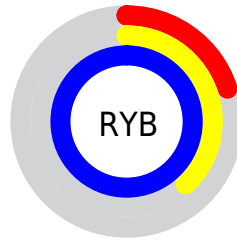
The Decimal color **3371263** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **16761395**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **8496127**, and **16837** is the 20% darker color. If you saturate the color by 10%, you get **1662719**, and if you desaturate by 10%, it is **5079807**.

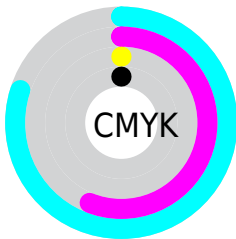
Distribution



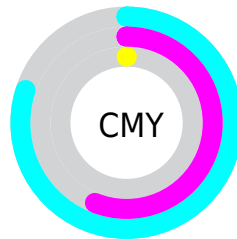
- Red (20%)
- Green (44%)
- Blue (100%)



- Red (20%)
- Yellow (38%)
- Blue (100%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3371263 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 3371263 by changing the saturation by 10% instead.

■ 3371263

■ 3371263

16777215

■ 22754

■ 8496127

■ 16837

■ 10665727

■ 11689

■ 12704511

■ 7054

■ 14808831

■ 627

■ 3418

■ 1857

■ 810

■ 276

■ 3371263

■ 3371263

■ 1662719

■ 5079807

■ 19711

■ 6722815

■ 8431359

■ 10074111

■ 11782655

■ 13425663

■ 15134207

16777215

Harmonies

Analogous

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



35327



3371263



12207826

Triad

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



3371263



13979136



38501

Complementary

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



3371263



16761395

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.



37136



3371263



10776832

Square

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



3371263



15733834



6456832



39086

Rectangle

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



3371263



14687911



6456832



38220

Sweetspot

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



3371263



12768511



3407810



5990016



0



8421504

Same Dimension

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



3371263



676863



6042623



7567232



14783



4928

Inverse Universe

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



16724848



16714323



14090035



8418167



12517433



4194323

Previews

White Background



This preview shows how the Decimal color 3371263 looks on a white background.

Color Contrast Check

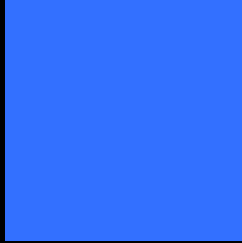
Large Text (above 18pt) WCAG AA ✓ Pass

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 3371263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

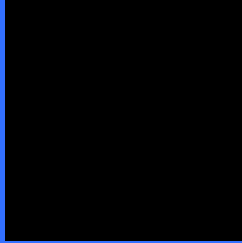
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

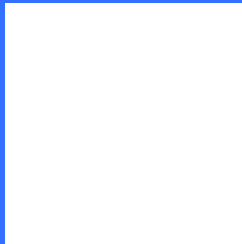
Any Text WCAG AAA × Fail

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

Decimal 3371263 Background



This preview shows how black text looks on a background with the Decimal color 3371263.

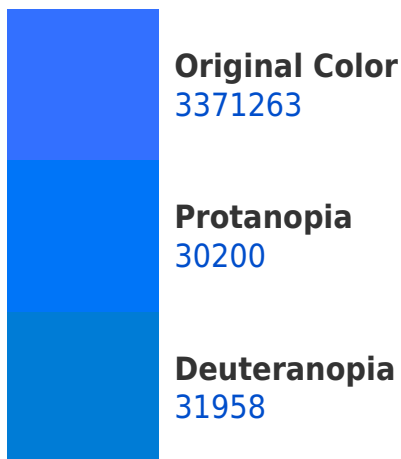


This preview shows how white text looks on a background with the Decimal color 3371263.

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
34703

Trichromacy



Original Color
3371263

Protanomaly
1274875

Deuteranomaly
1276133

Tritanomaly
1277880

Monochromacy



Original Color
3371263

Achromatopsia
7237230

Achromatomaly
5861283

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3371263 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 #3370FF looks like.

```
.text, #text, p{  
    color:#3370FF  
}
```

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 #3370FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3370FF
}
```

Border

The CSS property to change the border of an element to Decimal 3371263 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
#3370FF }
```

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

```
.border{ border-color:#3370FF }
```

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

Here you see how a box with a 4 pixel #3370FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3370FF; -webkit-box-shadow:4px 4px  
4px 4px #3370FF; box-shadow:4px 4px 4px  
4px #3370FF }
```

Background

The CSS property to change the background color of an element to Decimal 3371263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3370FF }
```

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

```
.background{ background-color:#3370FF }
```

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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