

Converting Colors

Decimal(3047637)

Have a look what the booklet for
Decimal(3047637) contains.

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Color

Decimal(3047637)

Conversions

Conversions Part 1

Format	Color
Hex	2E80D5
RGB	46, 128, 213
RGB Percent	18%, 50%, 84%
CMY	0.8196, 0.4980, 0.1647
CMYK	0.78, 0.40, 0.00, 0.16
HSL	211°, 67%, 51%
HSV	211°, 78%, 84%
XYZ	20.8561, 20.8233, 65.8708
YIQ	113.1720, -76.1570, 9.0510

Conversions

Conversions Part 2

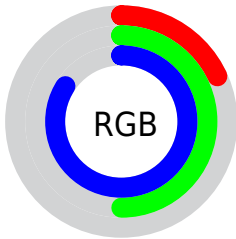
Format	Color
R_{YB}	46, 101, 213
Decimal	3047637
CIE Lab	52.76, 5.22, -50.61
CIE LCh	53, 50.875, 275.888
Yxy	20.8233, 0.1939, 0.1936
Android (android.graphics.Color)	4281237717 (0xFF2E80D5)
YUV	113.1720, 49.2152, -58.9098
Hunter-Lab	45.6325, 1.7256, -53.6427

Details

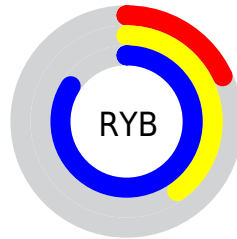
The Decimal color **3047637** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **13992750**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **7648511**, and **20638** is the 20% darker color. If you saturate the color by 10%, you get **1668565**, and if you desaturate by 10%, it is **4426709**.

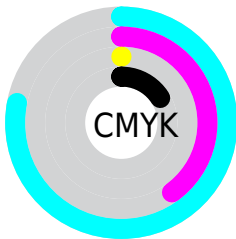
Distribution



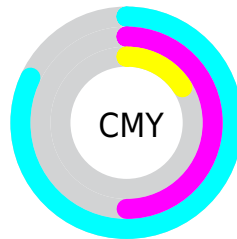
- Red (18%)
- Green (50%)
- Blue (84%)



- Red (18%)
- Yellow (40%)
- Blue (84%)



- Cyan (78%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)

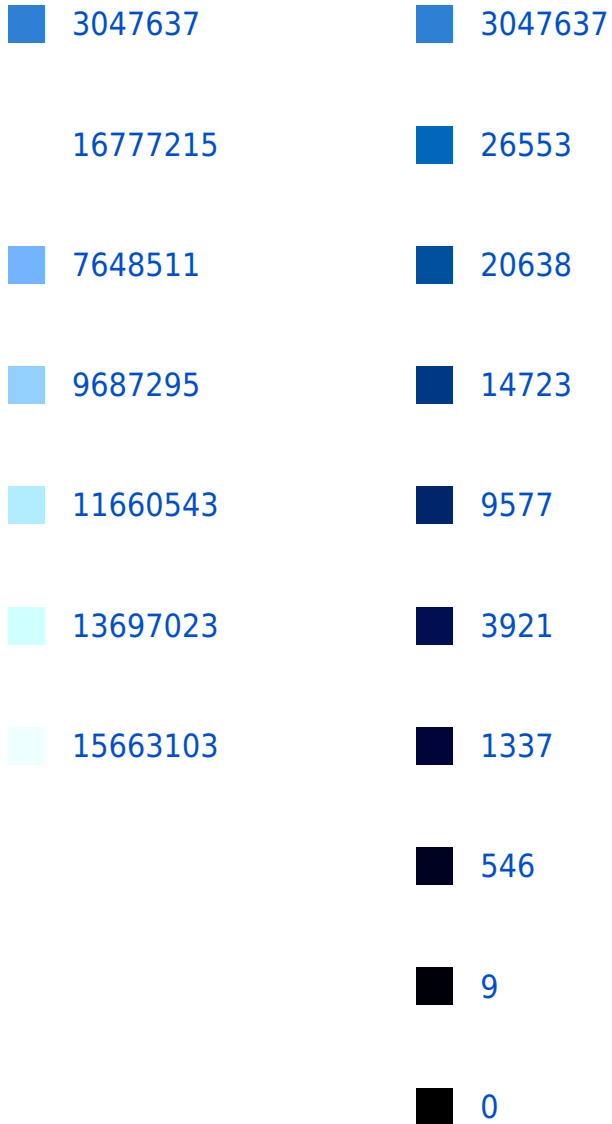


- Cyan (82%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3047637 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 3047637 by changing the saturation by 10% instead.



■ 3047637

■ 3047637

■ 1668565

■ 4426709

■ 223957

■ 5871317

■ 27093

■ 7250389

■ 8629205

■ 10073813

■ 11452885

■ 12831957

■ 14211029

■ 15655637

Harmonies

Analogous

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



36045



3047637



9138117

Triad

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



3047637



13131341



299096

Complementary

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



3047637



13992750

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.



6261298



3047637



11628332

Square

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



3047637



13456759



9273118



37766

Rectangle

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



3047637



11362992



9273118



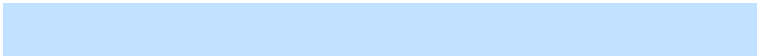
3510090

Sweetspot

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



3047637



12771583



3069314



5991808



0



8421504

Same Dimension

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



3047637



1017343



3026645



6317675



21675



5419

Inverse Universe

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



13971072



16715653



14013742



7037030



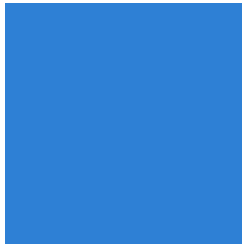
11206740



2818069

Previews

White Background



This preview shows how the Decimal color 3047637 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 3047637 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 3047637 Background



This preview shows how black text looks on a background with the Decimal color 3047637.



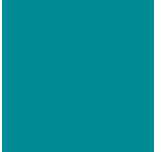
This preview shows how white text looks on a background with the Decimal color 3047637.

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](#).

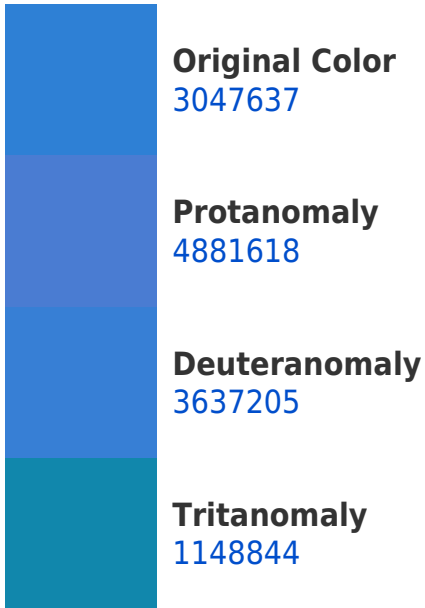
Dichromacy



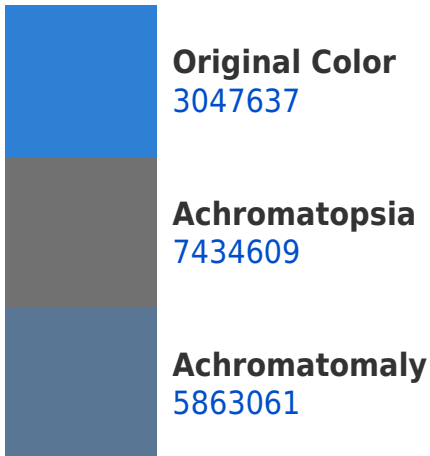


Tritanopia
35733

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3047637 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 #2E80D5 looks like.

```
.text, #text, p{  
  color:#2E80D5  
}
```

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 #2E80D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E80D5
}
```

Border

The CSS property to change the border of an element to Decimal 3047637 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
#2E80D5 }
```

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

```
.border{ border-color:#2E80D5 }
```

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

Here you see how a box with a 4 pixel #2E80D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E80D5; -webkit-box-shadow:4px 4px  
4px 4px #2E80D5; box-shadow:4px 4px 4px  
4px #2E80D5 }
```

Background

The CSS property to change the background color of an element to Decimal 3047637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E80D5 }
```

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

```
.background{ background-color:#2E80D5 }
```

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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