

Converting Colors

Decimal(3040972)

Have a look what the booklet for
Decimal(3040972) contains.

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Color

Decimal(3040972)

Conversions

Conversions Part 1

Format	Color
Hex	2E66CC
RGB	46, 102, 204
RGB Percent	18%, 40%, 80%
CMY	0.8196, 0.6000, 0.2000
CMYK	0.77, 0.50, 0.00, 0.20
HSL	219°, 63%, 49%
HSV	219°, 77%, 80%
XYZ	16.7772, 14.4432, 59.0303
YIQ	96.8840, -66.1180, 19.8500

Conversions

Conversions Part 2

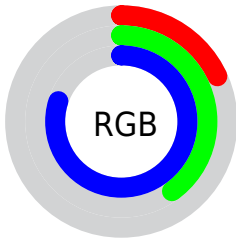
Format	Color
R_{YB}	46, 87, 204
Decimal	3040972
CIE Lab	44.86, 18.14, -58.15
CIE LCh	45, 60.910, 287.327
Yxy	14.4432, 0.1859, 0.1600
Android (android.graphics.Color)	4281231052 (0xFF2E66CC)
YUV	96.8840, 52.8082, -44.6253
Hunter-Lab	38.0042, 12.2924, -65.4896

Details

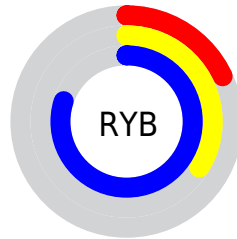
The Decimal color **3040972** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **13407278**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **7575807**, and **14485** is the 20% darker color. If you saturate the color by 10%, you get **1726924**, and if you desaturate by 10%, it is **4355020**.

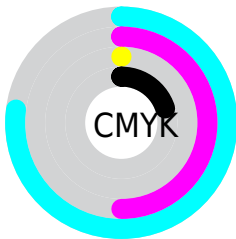
Distribution



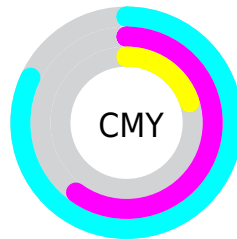
- Red (18%)
- Green (40%)
- Blue (80%)



- Red (18%)
- Yellow (34%)
- Blue (80%)



- Cyan (77%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3040972 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 3040972 by changing the saturation by 10% instead.

■ 3040972

■ 3040972

16777215

■ 20144

■ 7575807

■ 14485

■ 9548799

■ 9338

■ 11521791

■ 4449

■ 13495039

■ 2120

■ 15532031

■ 1073

■ 283

■ 0

■ 3040972

■ 3040972

■ 1726924

■ 4355020

■ 347340

■ 5734604

■ 18636

■ 7048908

■ 8428492

■ 9742540

■ 11056588

■ 12436172

■ 13750220

■ 15130060

Harmonies

Analogous

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



30414



3040972



9457072

Triad

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



3040972



11749663



32594

Complementary

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



3040972



13407278

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.



2128669



3040972



9592832

Square

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



3040972



12792399



6648064



33159

Rectangle

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



3040972



11484306



6648064



32320

Sweetspot

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



3040972



12900863



3067026



6056064



0



8421504

Same Dimension

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



3040972



1206015



4402892



6053734



15270



3622

Inverse Universe

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



13381222



16716390



12045358



6708319



10879035



2490382

Previews

White Background



This preview shows how the Decimal color 3040972 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



This preview shows how the Decimal color 3040972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

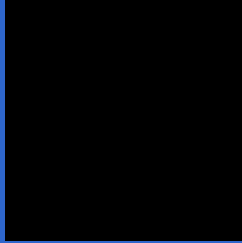
Any Text WCAG AA × Fail

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 3040972 Background



This preview shows how black text looks on a background with the Decimal color 3040972.

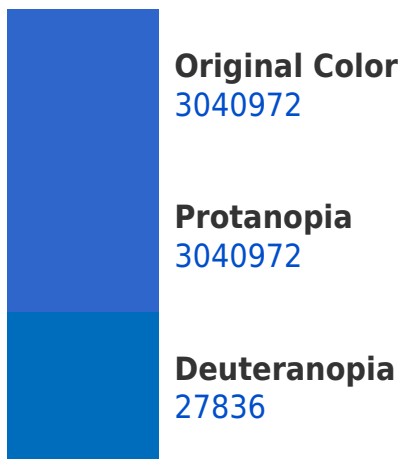


This preview shows how white text looks on a background with the Decimal color 3040972.

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
30077

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3040972 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 #2E66CC looks like.

```
.text, #text, p{  
  color:#2E66CC  
}
```

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 #2E66CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E66CC
}
```

Border

The CSS property to change the border of an element to Decimal 3040972 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
#2E66CC }
```

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

```
.border{ border-color:#2E66CC }
```

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

Here you see how a box with a 4 pixel #2E66CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E66CC; -webkit-box-shadow:4px 4px  
4px 4px #2E66CC; box-shadow:4px 4px 4px  
4px #2E66CC }
```

Background

The CSS property to change the background color of an element to Decimal 3040972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E66CC }
```

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

```
.background{ background-color:#2E66CC }
```

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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