

Converting Colors

Decimal(3108048)

Have a look what the booklet for
Decimal(3108048) contains.

Decimal(3108048)	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(3108048)

Conversions

Conversions Part 1

Format	Color
Hex	2F6CD0
RGB	47, 108, 208
RGB Percent	18%, 42%, 82%
CMY	0.8157, 0.5765, 0.1843
CMYK	0.77, 0.48, 0.00, 0.18
HSL	217°, 63%, 50%
HSV	217°, 77%, 82%
XYZ	17.9200, 15.8835, 61.7958
YIQ	101.1610, -68.4560, 18.1680

Conversions

Conversions Part 2

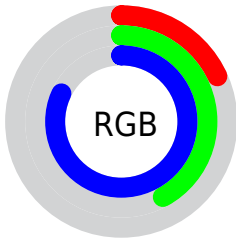
Format	Color
R _Y B	47, 91, 208
Decimal	3108048
CIE Lab	46.82, 15.92, -57.28
CIE LCh	47, 59.448, 285.538
Yxy	15.8835, 0.1874, 0.1661
Android (android.graphics.Color)	4281298128 (0xFF2F6CD0)
YUV	101.1610, 52.6716, -47.4992
Hunter-Lab	39.8541, 10.5160, -64.0342

Details

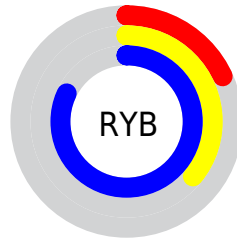
The Decimal color **3108048** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **13669167**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **7643135**, and **16025** is the 20% darker color. If you saturate the color by 10%, you get **1728464**, and if you desaturate by 10%, it is **4487632**.

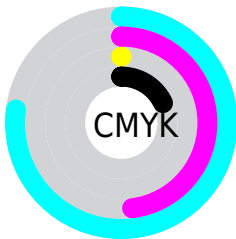
Distribution



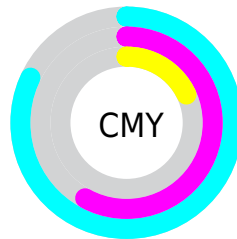
- Red (18%)
- Green (42%)
- Blue (82%)



- Red (18%)
- Yellow (36%)
- Blue (82%)



- Cyan (77%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (58%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3108048 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 3108048 by changing the saturation by 10% instead.

■ 3108048

■ 3108048

16777215

■ 21684

■ 7643135

■ 16025

■ 9681663

■ 10622

■ 11654655

■ 5733

■ 13627903

■ 2124

■ 15597567

■ 1076

■ 542

■ 0

■ 3108048

■ 3108048

■ 1728464

■ 4487632

■ 348880

■ 5867216

■ 20432

■ 7181264

■ 8560848

■ 9940432

■ 11320016

■ 12699344

■ 14013392

■ 15392976

Harmonies

Analogous

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



31952



3108048



9524662

Triad

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



3108048



12143912



33876

Complementary

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



3108048



13669167

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.



3178273



3108048



10118144

Square

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



3108048



13056599



7238912



34440

Rectangle

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



3108048



11617433



7238912



33603

Sweetspot

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



3108048



12901375



3133586



6056320



0



8421504

Same Dimension

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



3108048



1207551



4337616



6185577



16552



3881

Inverse Universe

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



13643628



16716396



12439599



6905442



11010112



2686991

Previews

White Background



This preview shows how the Decimal color 3108048 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 3108048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

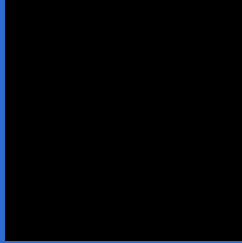
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

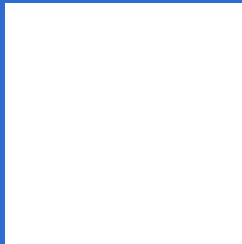
Any Text WCAG AAA × Fail

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

Decimal 3108048 Background



This preview shows how black text looks on a background with the Decimal color 3108048.



This preview shows how white text looks on a background with the Decimal color 3108048.

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](#).

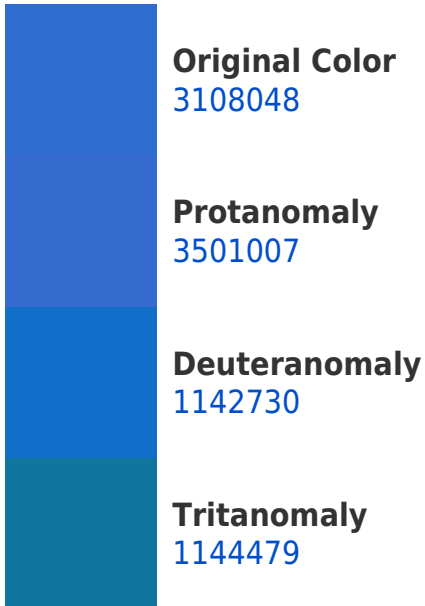
Dichromacy





Tritanopia
31619

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3108048 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 #2F6CD0 looks like.

```
.text, #text, p{  
    color:#2F6CD0  
}
```

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 #2F6CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6CD0
}
```

Border

The CSS property to change the border of an element to Decimal 3108048 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
#2F6CD0 }
```

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

```
.border{ border-color:#2F6CD0 }
```

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

Here you see how a box with a 4 pixel #2F6CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6CD0; -webkit-box-shadow:4px 4px  
4px 4px #2F6CD0; box-shadow:4px 4px 4px  
4px #2F6CD0 }
```

Background

The CSS property to change the background color of an element to Decimal 3108048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6CD0 }
```

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

```
.background{ background-color:#2F6CD0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor