

Converting Colors

Decimal(3700708)

Have a look what the booklet for
Decimal(3700708) contains.

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Color

Decimal(3700708)

Conversions

Conversions Part 1

Format	Color
Hex	3877E4
RGB	56, 119, 228
RGB Percent	22%, 47%, 89%
CMY	0.7804, 0.5333, 0.1059
CMYK	0.75, 0.48, 0.00, 0.11
HSL	218°, 76%, 56%
HSV	218°, 75%, 89%
XYZ	22.2313, 19.6358, 76.0172
YIQ	112.5890, -72.5370, 20.5430

Conversions

Conversions Part 2

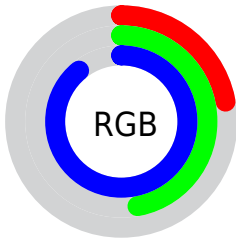
Format	Color
R _Y B	56, 102, 228
Decimal	3700708
CIE Lab	51.42, 17.45, -61.18
CIE LCh	51, 63.618, 285.921
Yxy	19.6358, 0.1886, 0.1666
Android (android.graphics.Color)	4281890788 (0xFF3877E4)
YUV	112.5890, 56.8976, -49.6286
Hunter-Lab	44.3123, 12.0060, -70.6925

Details

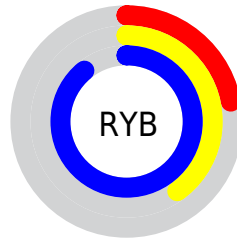
The Decimal color **3700708** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **14984504**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **8236031**, and **18604** is the 20% darker color. If you saturate the color by 10%, you get **2189796**, and if you desaturate by 10%, it is **5211620**.

Distribution



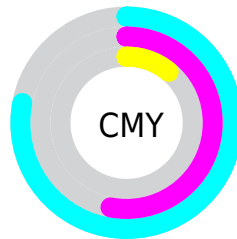
- Red (22%)
- Green (47%)
- Blue (89%)



- Red (22%)
- Yellow (40%)
- Blue (89%)



- Cyan (75%)
- Magenta (48%)
- Yellow (0%)
- Black (11%)

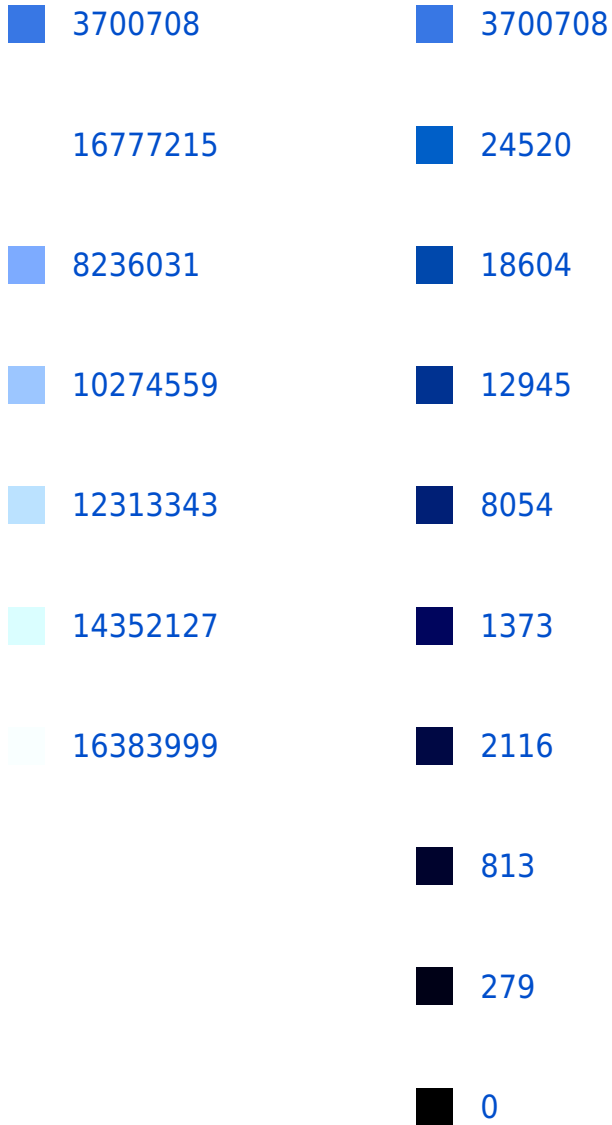


- Cyan (78%)
- Magenta (53%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3700708 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 3700708 by changing the saturation by 10% instead.



■ 3700708

■ 3700708

■ 2189796

■ 5211620

■ 678628

■ 6722788

■ 21732

■ 8168164

■ 9679332

■ 11190244

■ 12701412

■ 14212324

■ 15657956

■ 16775652

Harmonies

Analogous

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



35044



3700708



10575559

Triad

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



3700708



13325869



37470

Complementary

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



3700708



14984504

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.



3443751



3700708



11038464

Square

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



3700708



14369120



7897344



37783

Rectangle

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



3700708



12799144



7897344



36939

Sweetspot

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



3700708



12901119



3728549



6056320



0



8421504

Same Dimension

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



3700708



1535231



5191908



6777715



16819



4915

Inverse Universe

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



14956663



16717676



13493304



7563115



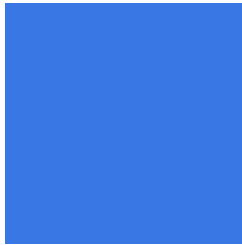
11731009



3342355

Previews

White Background



This preview shows how the Decimal color 3700708 looks on a white background.

Color Contrast Check

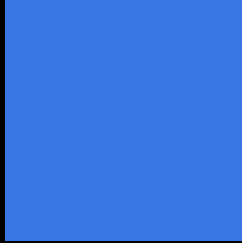
Large Text (above 18pt) WCAG AA ✓ Pass

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 3700708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

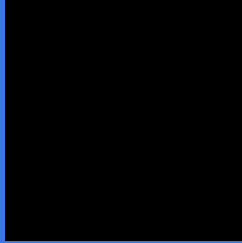
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

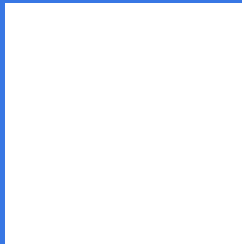
Any Text WCAG AAA × Fail

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

Decimal 3700708 Background



This preview shows how black text looks on a background with the Decimal color 3700708.

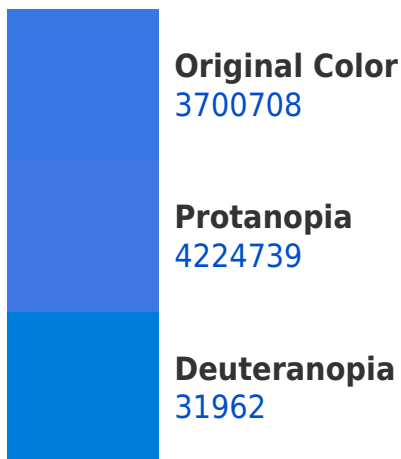


This preview shows how white text looks on a background with the Decimal color 3700708.

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](#).

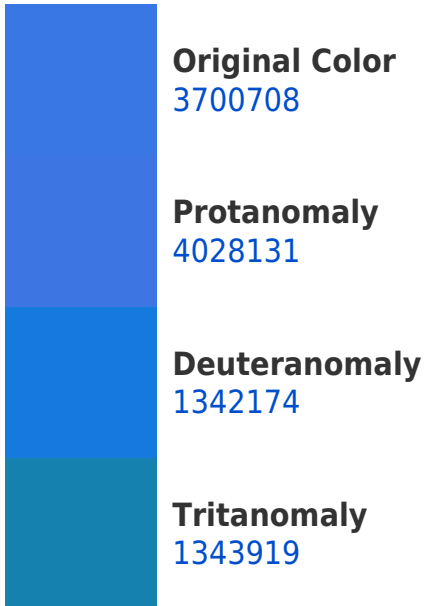
Dichromacy





Tritanopia
34705

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3700708 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 #3877E4 looks like.

```
.text, #text, p{  
    color:#3877E4  
}
```

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 #3877E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3877E4
}
```

Border

The CSS property to change the border of an element to Decimal 3700708 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
#3877E4 }
```

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

```
.border{ border-color:#3877E4 }
```

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

Here you see how a box with a 4 pixel #3877E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3877E4; -webkit-box-shadow:4px 4px  
4px 4px #3877E4; box-shadow:4px 4px 4px  
4px #3877E4 }
```

Background

The CSS property to change the background color of an element to Decimal 3700708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3877E4 }
```

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

```
.background{ background-color:#3877E4 }
```

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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