

Converting Colors

Decimal(3828728)

Have a look what the booklet for
Decimal(3828728) contains.

Decimal(3828728)	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(3828728)

Conversions

Conversions Part 1

Format	Color
Hex	3A6BF8
RGB	58, 107, 248
RGB Percent	23%, 42%, 97%
CMY	0.7725, 0.5804, 0.0275
CMYK	0.77, 0.57, 0.00, 0.03
HSL	225°, 93%, 60%
HSV	225°, 77%, 97%
XYZ	23.9459, 18.1922, 91.0563
YIQ	108.4230, -74.4650, 33.4630

Conversions

Conversions Part 2

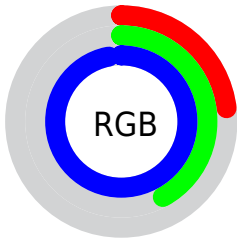
Format	Color
R_{YB}	58, 97, 248
Decimal	3828728
CIE _{Lab}	49.73, 32.48, -75.10
CIE _{LCh}	50, 81.826, 293.387
Yxy	18.1922, 0.1798, 0.1366
Android (android.graphics.Color)	4282018808 (0xFF3A6BF8)
YUV	108.4230, 68.8115, -44.2210
Hunter-Lab	42.6524, 25.5719, -96.7185

Details

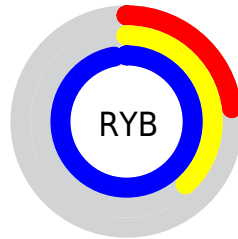
The Decimal color **3828728** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **16303930**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **8625919**, and **15806** is the 20% darker color. If you saturate the color by 10%, you get **2185720**, and if you desaturate by 10%, it is **5471736**.

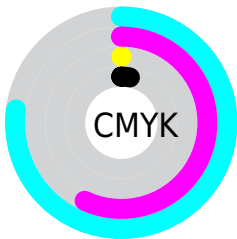
Distribution



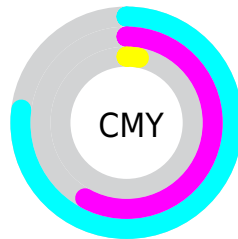
- Red (23%)
- Green (42%)
- Blue (97%)



- Red (23%)
- Yellow (38%)
- Blue (97%)



- Cyan (77%)
- Magenta (57%)
- Yellow (0%)
- Black (3%)



- Cyan (77%)
- Magenta (58%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3828728 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 3828728 by changing the saturation by 10% instead.

■ 3828728

■ 3828728

16777215

■ 21467

■ 8625919

■ 15806

■ 10795519

■ 10403

■ 12834047

■ 6024

■ 14872831

■ 109

■ 2900

■ 1596

■ 549

■ 269

■ 3828728

■ 3828728

■ 2185720

■ 5471736

■ 542456

■ 7115000

■ 16632

■ 8692472

■ 10335736

■ 11978744

■ 13621752

■ 15265016

■ 16776952

■ 16777208

Harmonies

Analogous

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



34047



3828728



12075467

Triad

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



3828728



13519872



37476

Complementary

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



3828728



16303930

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.



36114



3828728



10317312

Square

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



3828728



15339588



5997312



37804

Rectangle

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



3828728



14423200



5997312



37195

Sweetspot

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



3828728



12899327



3864773



6055296



0



8421504

Same Dimension

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



3828728



1331711



6699768



7369853



12733



4157

Inverse Universe

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



16267883



16716881



13432890



8220788



12386353



3997712

Previews

White Background



This preview shows how the Decimal color 3828728 looks on a white background.

Color Contrast Check

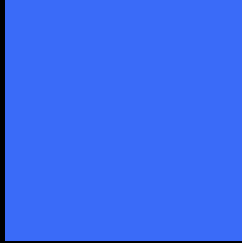
Large Text (above 18pt) WCAG AA ✓ Pass

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 3828728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

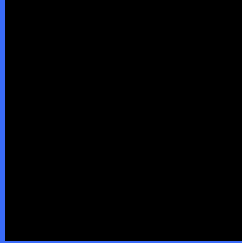
Any Text WCAG AA ✓ Pass

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 3828728 Background



This preview shows how black text looks on a background with the Decimal color 3828728.



This preview shows how white text looks on a background with the Decimal color 3828728.

Color Blindness Simulation

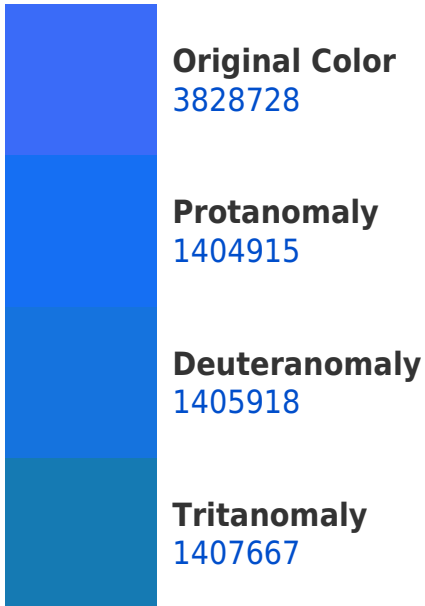
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3828728 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 #3A6BF8 looks like.

```
.text, #text, p{  
    color:#3A6BF8  
}
```

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 #3A6BF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6BF8  
}
```

Border

The CSS property to change the border of an element to Decimal 3828728 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  
#3A6BF8 }
```

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

```
.border{ border-color:#3A6BF8 }
```

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

Here you see how a box with a 4 pixel #3A6BF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6BF8; -webkit-box-shadow:4px 4px  
4px 4px #3A6BF8; box-shadow:4px 4px 4px  
4px #3A6BF8 }
```

Background

The CSS property to change the background color of an element to Decimal 3828728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6BF8 }
```

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

```
.background{ background-color:#3A6BF8 }
```

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