

Converting Colors

Decimal(4098228)

Have a look what the booklet for
Decimal(4098228) contains.

Decimal(4098228)	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(4098228)

Conversions

Conversions Part 1

Format	Color
Hex	3E88B4
RGB	62, 136, 180
RGB Percent	24%, 53%, 71%
CMY	0.7569, 0.4667, 0.2941
CMYK	0.66, 0.24, 0.00, 0.29
HSL	202°, 49%, 47%
HSV	202°, 66%, 71%
XYZ	19.0290, 21.9277, 46.4096
YIQ	118.8900, -58.2280, -2.0040

Conversions

Conversions Part 2

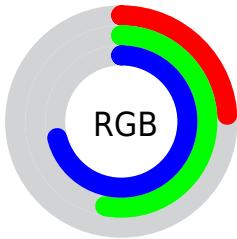
Format	Color
RYB	62, 107, 180
Decimal	4098228
CIELab	53.95, -9.01, -29.91
CIElCh	54, 31.238, 253.241
Yxy	21.9277, 0.2178, 0.2510
Android (android.graphics.Color)	4282288308 (0xFF3E88B4)
YUV	118.8900, 30.1272, -49.8925
Hunter-Lab	46.8271, -9.4108, -25.9824

Details

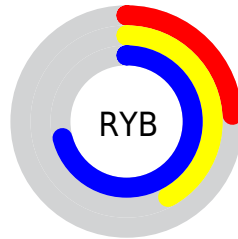
The Decimal color **4098228** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **11823678**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **7978476**, and **22143** is the 20% darker color. If you saturate the color by 10%, you get **2916788**, and if you desaturate by 10%, it is **5279668**.

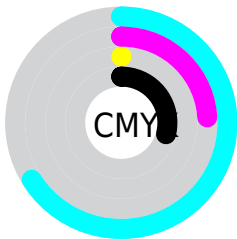
Distribution



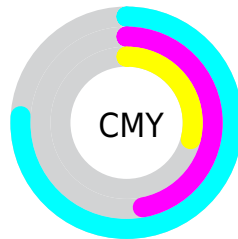
- Red (24%)
- Green (53%)
- Blue (71%)



- Red (24%)
- Yellow (42%)
- Blue (71%)



- Cyan (66%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (76%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4098228 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 4098228 by changing the saturation by 10% instead.

■ 4098228

■ 4098228

16777215

■ 1601433

■ 7978476

■ 22143

■ 9886207

■ 16230

■ 11793919

■ 10574

■ 13697023

■ 5686

■ 15663103

■ 545

■ 5

■ 0

■ 4098228

■ 4098228

■ 2916788

■ 5279668

■ 1735604

■ 6460852

■ 554164

■ 7642292

■ 29108

■ 8823732

■ 10005172

■ 11186356

■ 12367796

■ 13549236

■ 14730420

Harmonies

Analogous

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



560549



4098228



7176373

Triad

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



4098228



11889782



6916697

Complementary

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



4098228



11823678

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.



8880972



4098228



11563357

Square

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



4098228



11300497



10517070



4689521

Rectangle

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



4098228



8944046



10517070



7571539

Sweetspot

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



4098228



12376555



4109417



5860213



16119285



7697781

Same Dimension

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



4098228



3253739



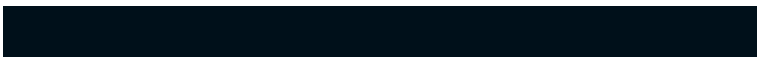
4083380



5264985



24729



4122

Inverse Universe

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



11812488



15413669



11838526



5853270



10027104



1703952

Previews

White Background



This preview shows how the Decimal color 4098228 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 4098228 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 4098228 Background



This preview shows how black text looks on a background with the Decimal color 4098228.




This preview shows how white text looks on a background with the Decimal color 4098228.

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](#).

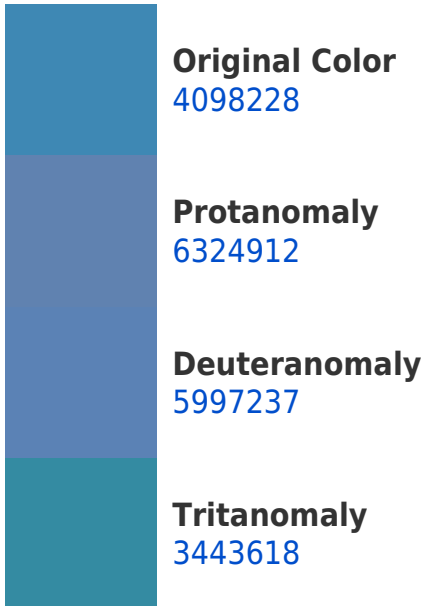
Dichromacy





Tritanopia
3116440

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4098228 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 #3E88B4 looks like.

```
.text, #text, p{  
    color:#3E88B4  
}
```

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 #3E88B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E88B4
}
```

Border

The CSS property to change the border of an element to Decimal 4098228 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
#3E88B4 }
```

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

```
.border{ border-color:#3E88B4 }
```

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

Here you see how a box with a 4 pixel #3E88B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E88B4; -webkit-box-shadow:4px 4px  
4px 4px #3E88B4; box-shadow:4px 4px 4px  
4px #3E88B4 }
```

Background

The CSS property to change the background color of an element to Decimal 4098228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E88B4 }
```

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

```
.background{ background-color:#3E88B4 }
```

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