

Converting Colors

Decimal(8099042)

Have a look what the booklet for
Decimal(8099042) contains.

Decimal(8099042)	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(8099042)

Conversions

Conversions Part 1

Format	Color
Hex	7B94E2
RGB	123, 148, 226
RGB Percent	48%, 58%, 89%
CMY	0.5176, 0.4196, 0.1137
CMYK	0.46, 0.35, 0.00, 0.11
HSL	225°, 64%, 68%
HSV	225°, 46%, 89%
XYZ	32.4858, 30.8817, 76.2001
YIQ	149.4170, -39.9380, 18.9580

Conversions

Conversions Part 2

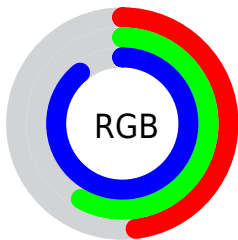
Format	Color
R _Y B	123, 143, 226
Decimal	8099042
CIE Lab	62.41, 11.62, -42.38
CIE LCh	62, 43.946, 285.336
Yxy	30.8817, 0.2328, 0.2213
Android (android.graphics.Color)	4286289122 (0xFF7B94E2)
YUV	149.4170, 37.7554, -23.1677
Hunter-Lab	55.5714, 7.0972, -42.3992

Details

The Decimal color **8099042** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **14862715**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **11848447**, and **4350634** is the 20% darker color. If you saturate the color by 10%, you get **6587362**, and if you desaturate by 10%, it is **9610722**.

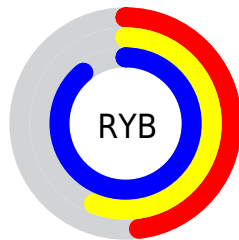
Distribution



Red (48%)

Green (58%)

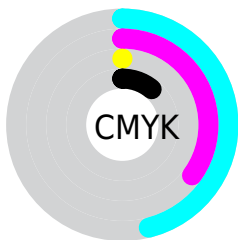
Blue (89%)



Red (48%)

Yellow (56%)

Blue (89%)

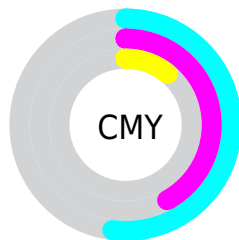


Cyan (46%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (52%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8099042 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 8099042 by changing the saturation by 10% instead.

8099042

8099042

16777215

6257350

11848447

4350634

13690623

2312847

15663103

13429

8284

1860

813

280

0

■ 8099042

■ 8099042

■ 6587362

■ 9610722

■ 5141218

■ 11056866

■ 3629538

■ 12568546

■ 2183394

■ 14014690

■ 671458

■ 15526626

■ 14306

■ 16776162

■ 16777186

Harmonies

Analogous

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



1024226



8099042



11830734

Triad

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



8099042



14188641



3254914

Complementary

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



8099042



14862715

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.



7316574



8099042



12553803

Square

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



8099042



14776196



10197833



43946

Rectangle

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



8099042



13466808



10197833



4892789

Sweetspot

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



8099042



14411007



8118984



6975360



0



8421504

Same Dimension

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



8099042



7575039



9796578



6645872



11184



3120

Inverse Universe

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



14842772



16741269



13165179



7365992



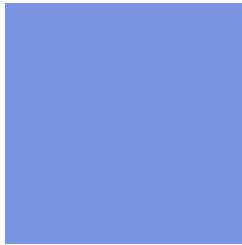
11534379



3145740

Previews

White Background



This preview shows how the Decimal color 8099042 looks on a white background.

Color Contrast Check

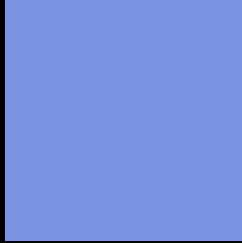
Large Text (above 18pt) WCAG AA × Fail

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 8099042 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 ✓ Pass

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

Decimal 8099042 Background



This preview shows how black text looks on a background with the Decimal color 8099042.



This preview shows how white text looks on a background with the Decimal color 8099042.

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



Original Color
8099042

Protanopia
8164578

Deuteranopia
7640802



Tritanopia
7118764

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8099042 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 #7B94E2 looks like.

```
.text, #text, p{  
    color:#7B94E2  
}
```

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 #7B94E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B94E2
}
```

Border

The CSS property to change the border of an element to Decimal 8099042 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
#7B94E2 }
```

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

```
.border{ border-color:#7B94E2 }
```

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

Here you see how a box with a 4 pixel #7B94E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B94E2; -webkit-box-shadow:4px 4px  
4px 4px #7B94E2; box-shadow:4px 4px 4px  
4px #7B94E2 }
```

Background

The CSS property to change the background color of an element to Decimal 8099042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B94E2 }
```

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

```
.background{ background-color:#7B94E2 }
```

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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