

Converting Colors

Decimal(7442148)

Have a look what the booklet for
Decimal(7442148) contains.

Decimal(7442148)	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(7442148)

Conversions

Conversions Part 1

Format	Color
Hex	718EE4
RGB	113, 142, 228
RGB Percent	44%, 56%, 89%
CMY	0.5569, 0.4431, 0.1059
CMYK	0.50, 0.38, 0.00, 0.11
HSL	225°, 68%, 67%
HSV	225°, 50%, 89%
XYZ	30.4866, 28.4581, 77.2849
YIQ	143.1330, -44.8900, 20.5980

Conversions

Conversions Part 2

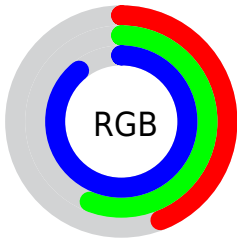
Format	Color
RYB	113, 136, 228
Decimal	7442148
CIELab	60.30, 13.38, -46.85
CIElCh	60, 48.727, 285.941
Yxy	28.4581, 0.2238, 0.2089
Android (android.graphics.Color)	4285632228 (0xFF718EE4)
YUV	143.1330, 41.8394, -26.4266
Hunter-Lab	53.3462, 8.6546, -48.5537

Details

The Decimal color **7442148** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **14993265**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **11191295**, and **3497132** is the 20% darker color. If you saturate the color by 10%, you get **5930468**, and if you desaturate by 10%, it is **8953828**.

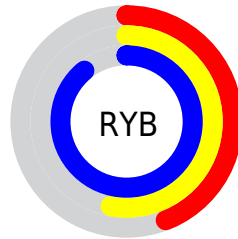
Distribution



Red (44%)

Green (56%)

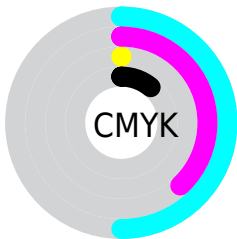
Blue (89%)



Red (44%)

Yellow (53%)

Blue (89%)

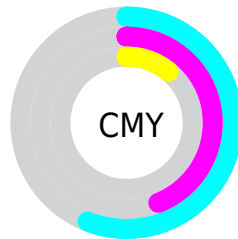


Cyan (50%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (56%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7442148 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 7442148 by changing the saturation by 10% instead.

■ 7442148

■ 7442148

16777215

■ 5535176

■ 11191295

■ 3497132

■ 13099007

■ 476561

■ 15072511

■ 12151

■ 7262

■ 70

■ 1070

■ 281

■ 0

■ 7442148

■ 7442148

■ 5930468

■ 8953828

■ 4418788

■ 10465508

■ 2972644

■ 11911652

■ 1460964

■ 13423332

■ 14820

■ 14935012

■ 16446692

■ 16777188

Harmonies

Analogous

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



40164



7442148



11697613

Triad

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



7442148



14121045



42619

Complementary

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



7442148



14993265

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.



6529107



7442148



12290108

Square

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



7442148



14839164



9737786



42920

Rectangle

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



7442148



13464501



9737786



3449965

Sweetspot

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



7442148



14279423



7464133



6909568



0



8421504

Same Dimension

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



7442148



6523903



9204196



6777459



11699



3379

Inverse Universe

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



14971278



16737163



13231217



7563114



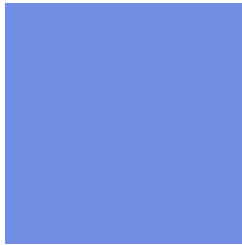
11730989



3342349

Previews

White Background



This preview shows how the Decimal color 7442148 looks on a white background.

Color Contrast Check

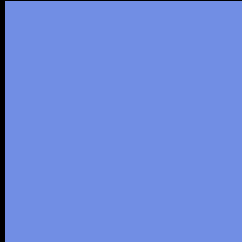
Large Text (above 18pt) WCAG AA ✓ Pass

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 7442148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

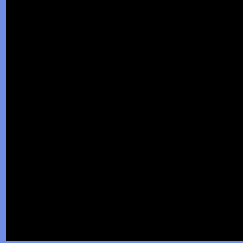
Any Text WCAG AA ✓ Pass

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 7442148 Background



This preview shows how black text looks on a background with the Decimal color 7442148.



This preview shows how white text looks on a background with the Decimal color 7442148.

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
7442148

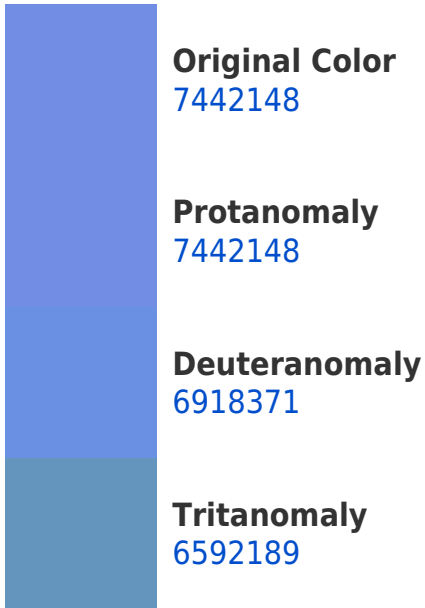
Protanopia
7442148

Deuteranopia
6590947



Tritanopia
6134695

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7442148 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 #718EE4 looks like.

```
.text, #text, p{  
    color:#718EE4  
}
```

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 #718EE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #718EE4
}
```

Border

The CSS property to change the border of an element to Decimal 7442148 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
#718EE4 }
```

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

```
.border{ border-color:#718EE4 }
```

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

Here you see how a box with a 4 pixel #718EE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #718EE4; -webkit-box-shadow:4px 4px  
4px 4px #718EE4; box-shadow:4px 4px 4px  
4px #718EE4 }
```

Background

The CSS property to change the background color of an element to Decimal 7442148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#718EE4 }
```

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

```
.background{ background-color:#718EE4 }
```

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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