

Converting Colors

Decimal(7642609)

Have a look what the booklet for
Decimal(7642609) contains.

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Color

Decimal(7642609)

Conversions

Conversions Part 1

Format	Color
Hex	749DF1
RGB	116, 157, 241
RGB Percent	45%, 62%, 95%
CMY	0.5451, 0.3843, 0.0549
CMYK	0.52, 0.35, 0.00, 0.05
HSL	220°, 82%, 70%
HSV	220°, 52%, 95%
XYZ	35.1366, 34.1778, 87.9642
YIQ	154.3170, -51.4000, 17.4320

Conversions

Conversions Part 2

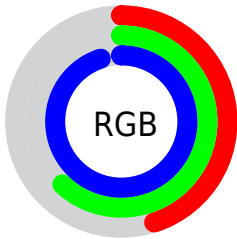
Format	Color
R _Y B	116, 147, 241
Decimal	7642609
CIE Lab	65.10, 9.26, -46.44
CIE LCh	65, 47.352, 281.282
Yxy	34.1778, 0.2234, 0.2173
Android (android.graphics.Color)	4285832689 (0xFF749DF1)
YUV	154.3170, 42.7347, -33.6040
Hunter-Lab	58.4618, 4.9736, -48.2871

Details

The Decimal color **7642609** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15845492**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **11457535**, and **3566264** is the 20% darker color. If you saturate the color by 10%, you get **6065649**, and if you desaturate by 10%, it is **9219569**.

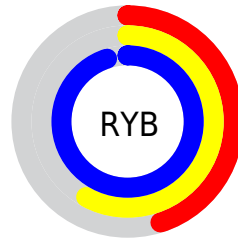
Distribution



Red (45%)

Green (62%)

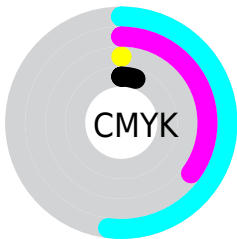
Blue (95%)



Red (45%)

Yellow (58%)

Blue (95%)

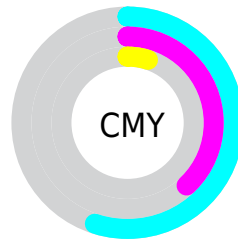


Cyan (52%)

Magenta (35%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7642609 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 7642609 by changing the saturation by 10% instead.

 7642609

 7642609

16777215

 5669844

 11457535

 3566264

 13431039

 283293

 15335423

 15491

 10089

 4944

 1337

 546

 9

■ 7642609

■ 7642609

■ 6065649

■ 9219569

■ 4488689

■ 10796529

■ 2911473

■ 12373745

■ 1334513

■ 13950705

■ 20465

■ 15527665

■ 16776945

■ 16777201

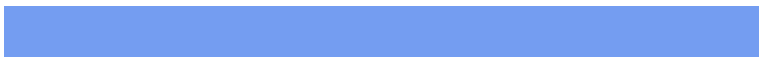
Harmonies

Analogous

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



43758



7642609



11963870

Triad

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



7642609



15172456



3781249

Complementary

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



7642609



15845492

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.



7973724



7642609



13472333

Square

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



7642609



15628944



11051336



46253

Rectangle

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



7642609



13927111



11051336



5484660

Sweetspot

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



7642609



14083327



7664071



6778752



0



8421504

Same Dimension

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



7642609



6395391



9008369



7106680



15544



4664

Inverse Universe

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



15824029



16736661



14479732



7892080



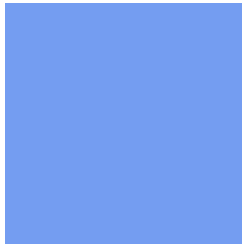
12058684



3670034

Previews

White Background



This preview shows how the Decimal color 7642609 looks on a white background.

Color Contrast Check

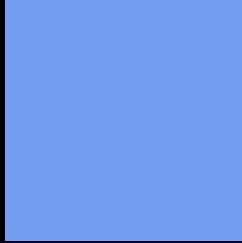
Large Text (above 18pt) WCAG AA × Fail

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 7642609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

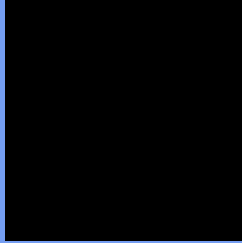
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

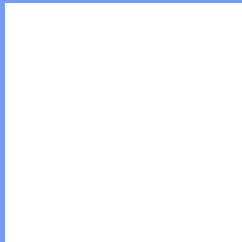
Any Text WCAG AAA ✓ Pass

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

Decimal 7642609 Background



This preview shows how black text looks on a background with the Decimal color 7642609.



This preview shows how white text looks on a background with the Decimal color 7642609.

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
7642609

Protanopia
8428527

Deuteranopia
7642609



Tritanopia
6334902

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7642609 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 #749DF1 looks like.

```
.text, #text, p{  
    color:#749DF1  
}
```

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 #749DF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749DF1  
}
```

Border

The CSS property to change the border of an element to Decimal 7642609 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  
#749DF1 }
```

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

```
.border{ border-color:#749DF1 }
```

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

Here you see how a box with a 4 pixel #749DF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749DF1; -webkit-box-shadow:4px 4px  
4px 4px #749DF1; box-shadow:4px 4px 4px  
4px #749DF1 }
```

Background

The CSS property to change the background color of an element to Decimal 7642609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749DF1 }
```

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

```
.background{ background-color:#749DF1 }
```

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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