

Converting Colors

Decimal(7644131)

Have a look what the booklet for
Decimal(7644131) contains.

Decimal(7644131)	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(7644131)

Conversions

Conversions Part 1

Format	Color
Hex	74A3E3
RGB	116, 163, 227
RGB Percent	45%, 64%, 89%
CMY	0.5451, 0.3608, 0.1098
CMYK	0.49, 0.28, 0.00, 0.11
HSL	215°, 66%, 67%
HSV	215°, 49%, 89%
XYZ	34.1648, 35.4534, 77.7156
YIQ	156.2430, -48.5560, 9.9400

Conversions

Conversions Part 2

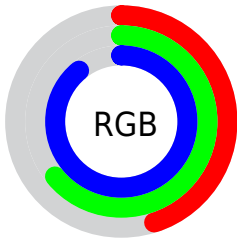
Format	Color
R _Y B	116, 149, 227
Decimal	7644131
CIE Lab	66.10, 1.63, -37.18
CIE LCh	66, 37.220, 272.508
Yxy	35.4534, 0.2319, 0.2406
Android (android.graphics.Color)	4285834211 (0xFF74A3E3)
YUV	156.2430, 34.8832, -35.2931
Hunter-Lab	59.5428, -1.7792, -35.7057

Details

The Decimal color **7644131** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **14922868**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **11393791**, and **3829931** is the 20% darker color. If you saturate the color by 10%, you get **6133475**, and if you desaturate by 10%, it is **9154787**.

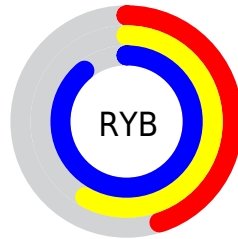
Distribution



Red (45%)

Green (64%)

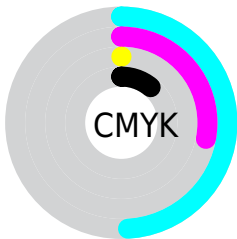
Blue (89%)



Red (45%)

Yellow (58%)

Blue (89%)

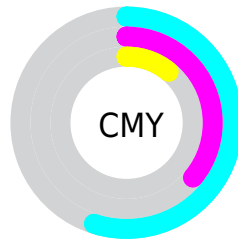


Cyan (49%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (55%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7644131 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 7644131 by changing the saturation by 10% instead.

■ 7644131

■ 7644131

16777215

■ 5736903

■ 11393791

■ 3829931

■ 13301503

■ 1333137

■ 15204351

■ 16503

■ 11102

■ 5958

■ 1071

■ 281

■ 0

■ 7644131

■ 7644131

■ 6133475

■ 9154787

■ 4688355

■ 10599907

■ 3177699

■ 12110563

■ 1667043

■ 13621219

■ 221923

■ 15066339

■ 24803

■ 16577251

■ 16777187

Harmonies

Analogous

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



3452123



7644131



11048921

Triad

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



7644131



14715518



6860929

Complementary

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



7644131



14922868

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.



9546087



7644131



13603942

Square

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



7644131



14714527



11837533



3650210

Rectangle

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



7644131



12816330



11837533



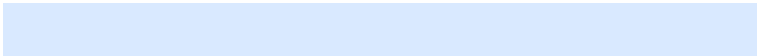
7777911

Sweetspot

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



7644131



14281215



7660467



6910592



0



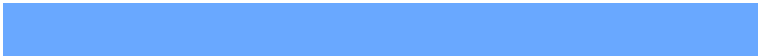
8421504

Same Dimension

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



7644131



6924543



8090851



6777971



19635



5683

Inverse Universe

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



14906531



16738728



14476148



7563116



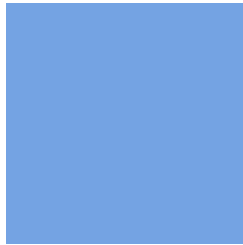
11731020



3342358

Previews

White Background



This preview shows how the Decimal color 7644131 looks on a white background.

Color Contrast Check

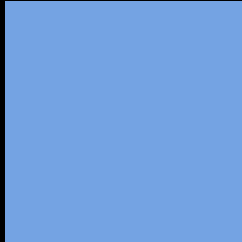
Large Text (above 18pt) WCAG AA × Fail

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 7644131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

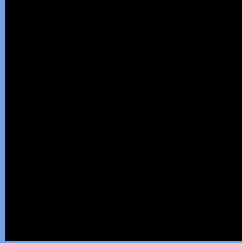
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

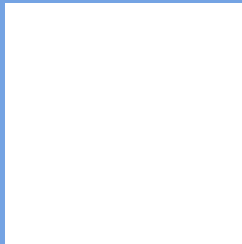
Any Text WCAG AAA ✓ Pass

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

Decimal 7644131 Background



This preview shows how black text looks on a background with the Decimal color 7644131.



This preview shows how white text looks on a background with the Decimal color 7644131.

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](#).

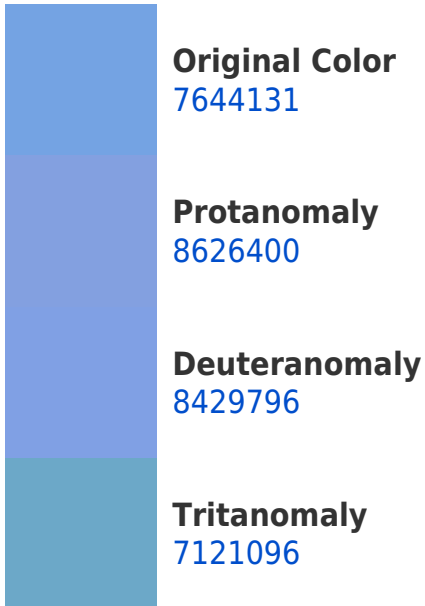
Dichromacy



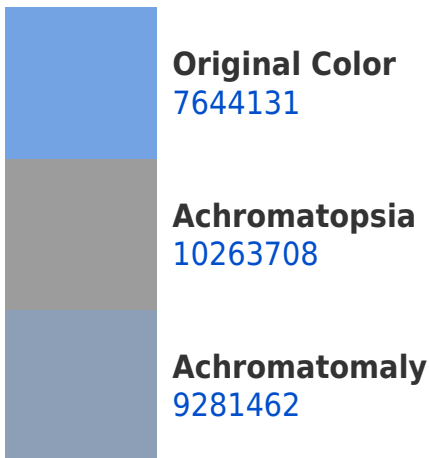


Tritanopia
6794169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7644131 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 #74A3E3 looks like.

```
.text, #text, p{  
    color:#74A3E3  
}
```

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 #74A3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A3E3
}
```

Border

The CSS property to change the border of an element to Decimal 7644131 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
#74A3E3 }
```

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

```
.border{ border-color:#74A3E3 }
```

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

Here you see how a box with a 4 pixel #74A3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A3E3; -webkit-box-shadow:4px 4px  
4px 4px #74A3E3; box-shadow:4px 4px 4px  
4px #74A3E3 }
```

Background

The CSS property to change the background color of an element to Decimal 7644131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A3E3 }
```

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

```
.background{ background-color:#74A3E3 }
```

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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