

Converting Colors

Decimal(7774946)

Have a look what the booklet for
Decimal(7774946) contains.

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Color

Decimal(7774946)

Conversions

Conversions Part 1

Format	Color
Hex	76A2E2
RGB	118, 162, 226
RGB Percent	46%, 64%, 89%
CMY	0.5373, 0.3647, 0.1137
CMYK	0.48, 0.28, 0.00, 0.11
HSL	216°, 65%, 67%
HSV	216°, 48%, 89%
XYZ	34.1190, 35.1832, 76.9443
YIQ	156.1400, -46.7680, 10.5760

Conversions

Conversions Part 2

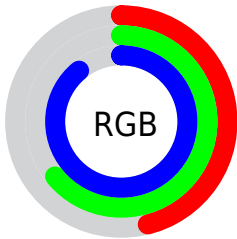
Format	Color
RYB	118, 149, 226
Decimal	7774946
CIELab	65.89, 2.37, -36.95
CIELCh	66, 37.028, 273.671
Yxy	35.1832, 0.2333, 0.2406
Android (android.graphics.Color)	4285965026 (0xFF76A2E2)
YUV	156.1400, 34.4410, -33.4488
Hunter-Lab	59.3154, -1.1265, -35.3905

Details

The Decimal color **7774946** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **14857846**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **11524607**, and **3960746** is the 20% darker color. If you saturate the color by 10%, you get **6264290**, and if you desaturate by 10%, it is **9285602**.

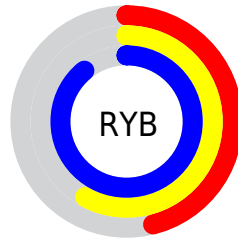
Distribution



Red (46%)

Green (64%)

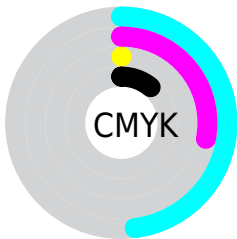
Blue (89%)



Red (46%)

Yellow (58%)

Blue (89%)

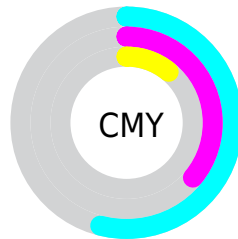


Cyan (48%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (54%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7774946 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 7774946 by changing the saturation by 10% instead.

■ 7774946

■ 7774946

16777215

■ 5933254

■ 11524607

■ 3960746

■ 13432319

■ 1660816

■ 15335423

■ 16502

■ 10845

■ 5701

■ 1070

■ 280

■ 0

■ 7774946

■ 7774946

■ 6264290

■ 9285602

■ 4818914

■ 10730978

■ 3308258

■ 12241634

■ 1862882

■ 13687010

■ 352226

■ 15197666

■ 23778

■ 16708322

■ 16777186

Harmonies

Analogous

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



3648475



7774946



11114199

Triad

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



7774946



14584445



6729602

Complementary

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



7774946



14857846

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.



9415016



7774946



13538405

Square

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



7774946



14648989



11706205



3519139

Rectangle

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



7774946



12816072



11706205



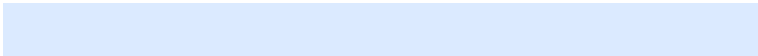
7646840

Sweetspot

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



7774946



14412543



7791285



6976384



0



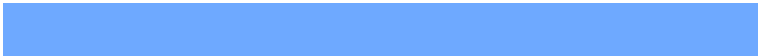
8421504

Same Dimension

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



7774946



7252479



8353506



6646384



18608



5168

Inverse Universe

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



14841506



16740009



14279286



7365994



11534408



3145748

Previews

White Background



This preview shows how the Decimal color 7774946 looks on a white background.

Color Contrast Check

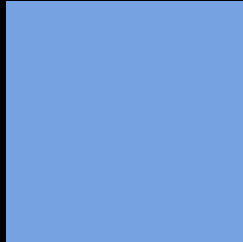
Large Text (above 18pt) WCAG AA × Fail

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 7774946 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

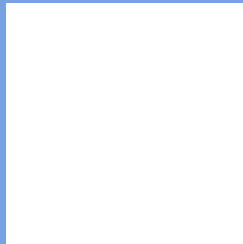
Any Text WCAG AAA ✓ Pass

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

Decimal 7774946 Background



This preview shows how black text looks on a background with the Decimal color 7774946.



This preview shows how white text looks on a background with the Decimal color 7774946.

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
7774946

Protanopia
9215454

Deuteranopia
8822499



Tritanopia
6924984

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7774946 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 #76A2E2 looks like.

```
.text, #text, p{  
    color:#76A2E2  
}
```

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 #76A2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A2E2
}
```

Border

The CSS property to change the border of an element to Decimal 7774946 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
#76A2E2 }
```

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

```
.border{ border-color:#76A2E2 }
```

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

Here you see how a box with a 4 pixel #76A2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A2E2; -webkit-box-shadow:4px 4px  
4px 4px #76A2E2; box-shadow:4px 4px 4px  
4px #76A2E2 }
```

Background

The CSS property to change the background color of an element to Decimal 7774946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A2E2 }
```

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

```
.background{ background-color:#76A2E2 }
```

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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