

# Converting Colors

Decimal(7644632)

Have a look what the booklet for  
Decimal(7644632) contains.

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# **Color**

**Decimal(7644632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74A5D8
RGB	116, 165, 216
RGB Percent	45%, 65%, 85%
CMY	0.5451, 0.3529, 0.1529
CMYK	0.46, 0.24, 0.00, 0.15
HSL	211°, 56%, 65%
HSV	211°, 46%, 85%
XYZ	33.0523, 35.5811, 70.0916
YIQ	156.1630, -45.5750, 5.4730

# Conversions

## Conversions Part 2

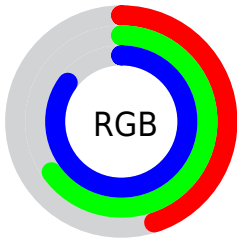
Format	Color
R <sub>Y</sub> B	116, 149, 216
Decimal	7644632
CIE Lab	66.20, -2.70, -30.97
CIE LCh	66, 31.085, 265.022
Yxy	35.5811, 0.2383, 0.2565
Android (android.graphics.Color)	4285834712 (0xFF74A5D8)
YUV	156.1630, 29.4996, -35.2230
Hunter-Lab	59.6499, -5.4798, -27.9137

# Details

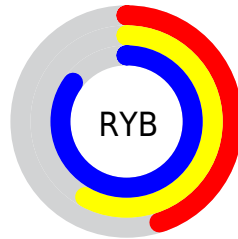
The Decimal color **7644632** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **14198644**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **11328767**, and **3961249** is the 20% darker color. If you saturate the color by 10%, you get **6200024**, and if you desaturate by 10%, it is **9089240**.

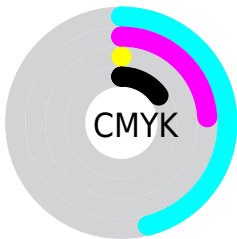
# Distribution



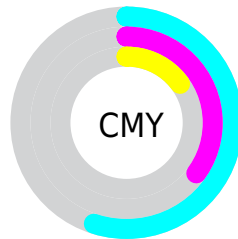
- Red (45%)
- Green (65%)
- Blue (85%)



- Red (45%)
- Yellow (58%)
- Blue (85%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (15%)



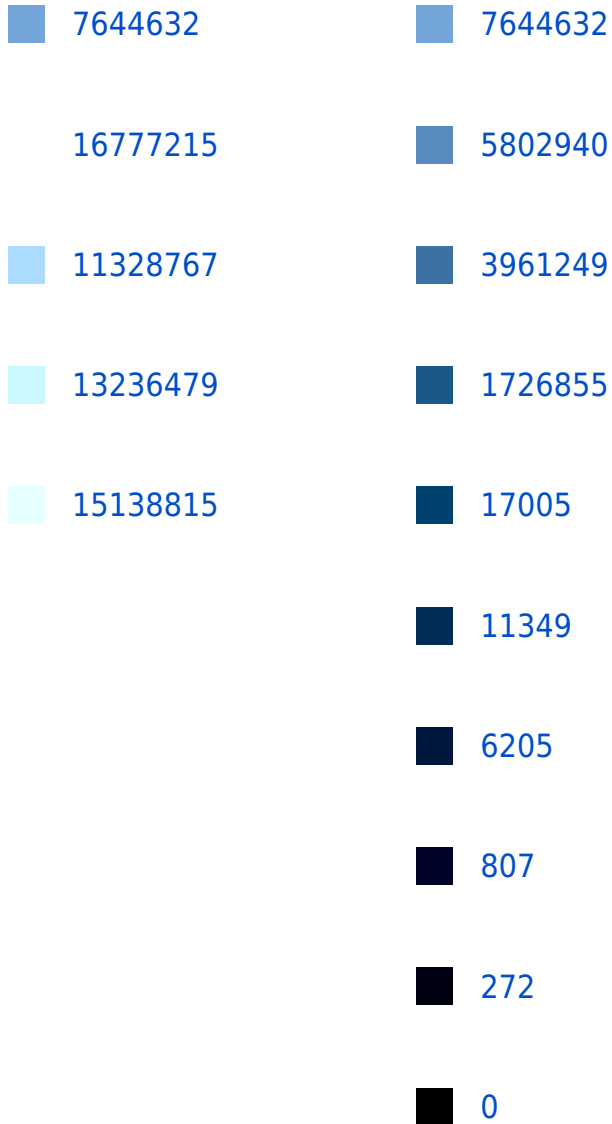
- Cyan (55%)
- Magenta (35%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7644632 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 7644632 by changing the saturation by 10% instead.





■ 7644632

■ 7644632

■ 6200024

■ 9089240

■ 4820952

■ 10468312

■ 3376344

■ 11912920

■ 1997272

■ 13291992

■ 552664

■ 14736600

■ 27352

■ 16181208

■ 16773848

■ 16776664

■ 16777176

# Harmonies

## Analogous

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



5090510



7644632



10394579

# Triad

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



7644632



14192011



8170880

# Complementary

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



7644632



14198644

# 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.



10266222



7644632



13538420

# Square

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



7644632



13929639



12099177



6008987

# Rectangle

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



7644632



11965897



12099177



8891257

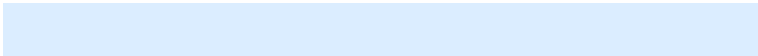


# Sweetspot

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



7644632



14413311



7657638



6976640



0



8421504

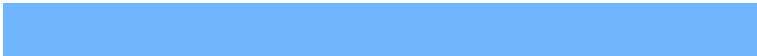


# Same Dimension

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



7644632



7386879



7632088



6317675



21675



5419



# Inverse Universe

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



14185637



16740534



14211188



7037030



11206740

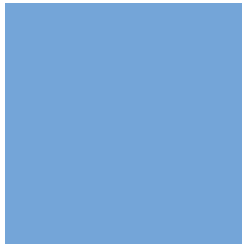


2818069



# Previews

## White Background



This preview shows how the Decimal color 7644632 looks on a white background.

## Color Contrast Check

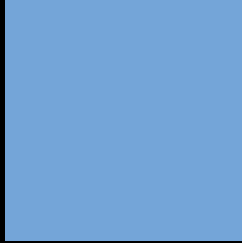
Large Text (above 18pt) WCAG AA × Fail

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 7644632 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

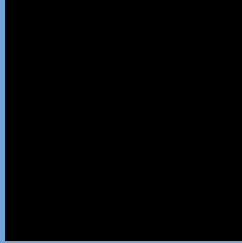
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

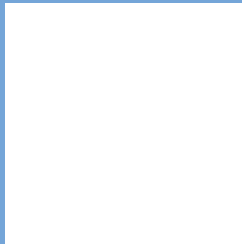
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7644632 Background



This preview shows how black text looks on a background with the Decimal color 7644632.




This preview shows how white text looks on a background with the Decimal color 7644632.

# 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**  
7056312

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7644632 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 #74A5D8 looks like.

```
.text, #text, p{  
    color:#74A5D8  
}
```

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 #74A5D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74A5D8  
}
```

## Border

The CSS property to change the border of an element to Decimal 7644632 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  
#74A5D8 }
```

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

```
.border{ border-color:#74A5D8 }
```

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

Here you see how a box with a 4 pixel #74A5D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74A5D8; -webkit-box-shadow:4px 4px  
4px 4px #74A5D8; box-shadow:4px 4px 4px  
4px #74A5D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 7644632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74A5D8 }
```

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

```
.background{ background-color:#74A5D8 }
```

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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