

# Converting Colors

Decimal(7515631)

Have a look what the booklet for  
Decimal(7515631) contains.

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# **Color**

**Decimal(7515631)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72ADEF
RGB	114, 173, 239
RGB Percent	45%, 68%, 94%
CMY	0.5529, 0.3216, 0.0627
CMYK	0.52, 0.28, 0.00, 0.06
HSL	212°, 80%, 69%
HSV	212°, 52%, 94%
XYZ	37.4630, 39.6965, 87.3490
YIQ	162.8830, -56.3500, 8.0180

# Conversions

## Conversions Part 2

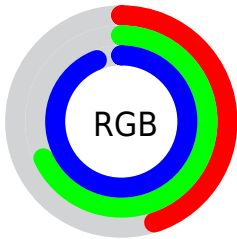
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 154, 239
Decimal	7515631
CIELab	69.25, -0.87, -38.85
CIELCh	69, 38.858, 268.717
Yxy	39.6965, 0.2277, 0.2413
Android (android.graphics.Color)	4285705711 (0xFF72ADEF)
YUV	162.8830, 37.5257, -42.8704
Hunter-Lab	63.0052, -4.1227, -38.0947

# Details

The Decimal color **7515631** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **15709298**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11330815**, and **3439031** is the 20% darker color. If you saturate the color by 10%, you get **5939439**, and if you desaturate by 10%, it is **9091823**.

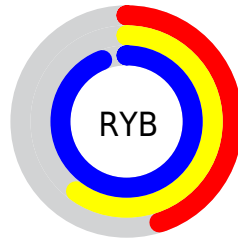
# Distribution



Red (45%)

Green (68%)

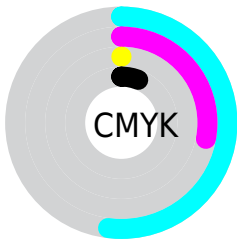
Blue (94%)



Red (45%)

Yellow (60%)

Blue (94%)

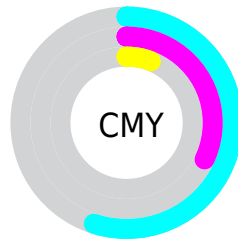


Cyan (52%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (55%)

Magenta (32%)

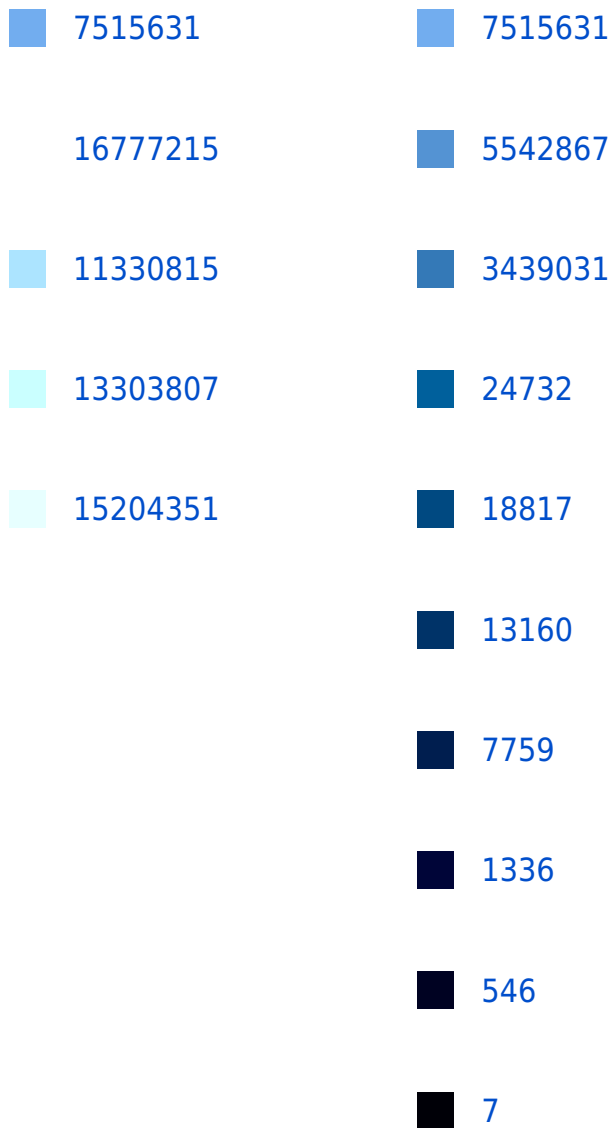
Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7515631 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 7515631 by changing the saturation by 10% instead.





■ 7515631

■ 7515631

■ 5939439

■ 9091823

■ 4363503

■ 10667759

■ 2787311

■ 12243951

■ 1211375

■ 13819887

■ 29167

■ 15396079

■ 16775663

■ 16777199

# Harmonies

## Analogous

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



2930404



7515631



11248103

# Triad

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



7515631



15503497



7583875

# Complementary

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



7515631



15709298

# 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.



10334570



7515631



14522990

# Square

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



7515631



15371948



12691042



4308134

# Rectangle

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



7515631



13146328



12691042



8566393

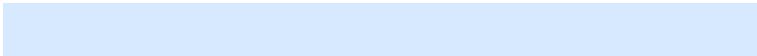


# Sweetspot

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



7515631



14084607



7532467



6779776



0



8421504



# Same Dimension

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



7515631



6204159



7631599



7107192



22456



6712



# Inverse Universe

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



15692461



16735914



15593330



7892082



12058711

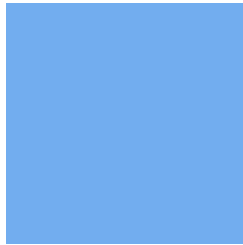


3670042



# Previews

## White Background



This preview shows how the Decimal color 7515631 looks on a white background.

## Color Contrast Check

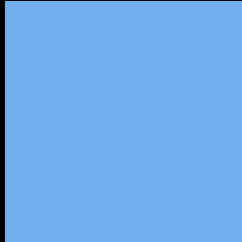
Large Text (above 18pt) WCAG AA × Fail

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 7515631 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

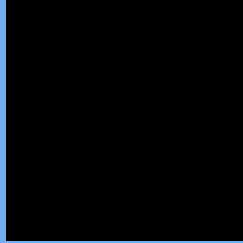
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

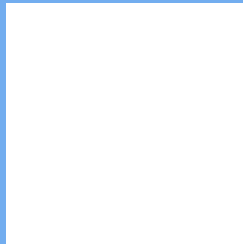
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7515631 Background



This preview shows how black text looks on a background with the Decimal color 7515631.



This preview shows how white text looks on a background with the Decimal color 7515631.

# 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

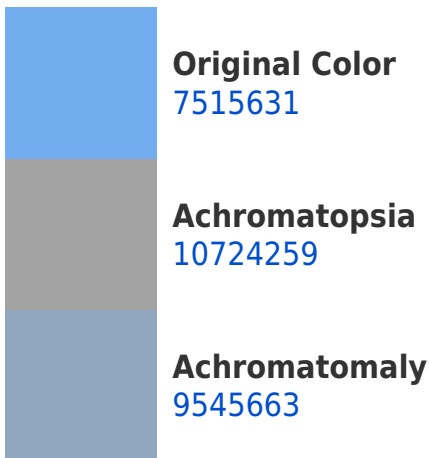




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7515631 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 #72ADEF looks like.

```
.text, #text, p{  
    color:#72ADEF  
}
```

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 #72ADEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72ADEF
}
```

## Border

The CSS property to change the border of an element to Decimal 7515631 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
#72ADEF }
```

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

```
.border{ border-color:#72ADEF }
```

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

Here you see how a box with a 4 pixel #72ADEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72ADEF; -webkit-box-shadow:4px 4px  
4px 4px #72ADEF; box-shadow:4px 4px 4px  
4px #72ADEF }
```

# Background

The CSS property to change the background color of an element to Decimal 7515631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72ADEF }
```

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

```
.background{ background-color:#72ADEF }
```

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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