

# Converting Colors

Decimal(4631261)

Have a look what the booklet for  
Decimal(4631261) contains.

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# **Color**

**Decimal(4631261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46AADD
RGB	70, 170, 221
RGB Percent	27%, 67%, 87%
CMY	0.7255, 0.3333, 0.1333
CMYK	0.68, 0.23, 0.00, 0.13
HSL	200°, 69%, 57%
HSV	200°, 68%, 87%
XYZ	29.9517, 35.2720, 73.6362
YIQ	145.9140, -75.9710, -5.3390

# Conversions

## Conversions Part 2

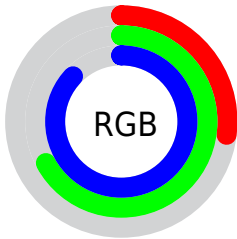
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 130, 221
Decimal	4631261
CIELab	65.96, -13.03, -34.24
CIELCh	66, 36.636, 249.173
Yxy	35.2720, 0.2157, 0.2540
Android (android.graphics.Color)	4282821341 (0xFF46AADD)
YUV	145.9140, 37.0174, -66.5766
Hunter-Lab	59.3902, -13.9119, -31.9387

# Details

The Decimal color **4631261** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14514502**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **8839679**, and **30374** is the 20% darker color. If you saturate the color by 10%, you get **3187677**, and if you desaturate by 10%, it is **6074845**.

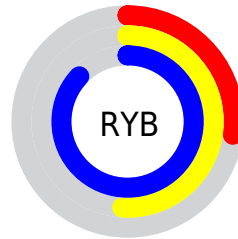
# Distribution



Red (27%)

Green (67%)

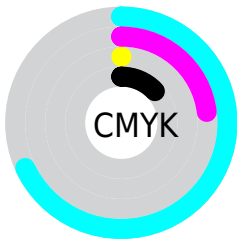
Blue (87%)



Red (27%)

Yellow (51%)

Blue (87%)

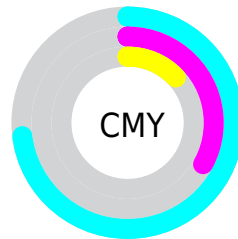


Cyan (68%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (73%)

Magenta (33%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4631261 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 4631261 by changing the saturation by 10% instead.



4631261

4631261

16777215

1740993

8839679

30374

10813183

23947

12779519

18033

14811135

12121

7233

811

277

0

■ 4631261

■ 4631261

■ 3187677

■ 6074845

■ 1743837

■ 7518685

■ 300253

■ 8962269

■ 37597

■ 10406109

■ 11915229

■ 13359069

■ 14802653

■ 16246493

■ 16772573

# Harmonies

## Analogous

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



241865



4631261



8495329

# Triad

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



4631261



14714775



8956780

# Complementary

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



4631261



14514502

# 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.



11313758



4631261



14453880

# Square

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



4631261



13798072



13211235



6271112

# Rectangle

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



4631261



10721498



13211235



9807974

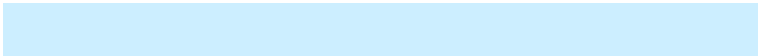


# Sweetspot

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



4631261



13430527



4644216



6387072



0



8421504



# Same Dimension

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



4631261



3062015



4612061



6515310



29613



7726



# Inverse Universe

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



14501546



16723640



14533702



7234410



11337843



3014686



# Previews

## White Background



This preview shows how the Decimal color 4631261 looks on a white background.

## Color Contrast Check

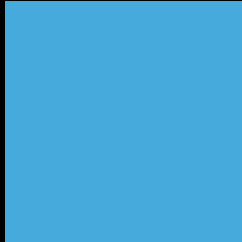
Large Text (above 18pt) WCAG AA × Fail

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 4631261 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 4631261 Background



This preview shows how black text looks on a background with the Decimal color 4631261.



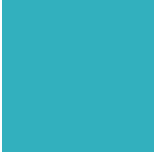
This preview shows how white text looks on a background with the Decimal color 4631261.

# 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**  
3322046

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4631261 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 #46AADD looks like.

```
.text, #text, p{  
    color:#46AADD  
}
```

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 #46AADD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46AADD
}
```

## Border

The CSS property to change the border of an element to Decimal 4631261 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
#46AADD }
```

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

```
.border{ border-color:#46AADD }
```

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

Here you see how a box with a 4 pixel #46AADD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46AADD; -webkit-box-shadow:4px 4px  
4px 4px #46AADD; box-shadow:4px 4px 4px  
4px #46AADD }
```

# Background

The CSS property to change the background color of an element to Decimal 4631261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46AADD }
```

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

```
.background{ background-color:#46AADD }
```

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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