

# Converting Colors

Decimal(6664415)

Have a look what the booklet for  
Decimal(6664415) contains.

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# **Color**

**Decimal(6664415)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65B0DF
RGB	101, 176, 223
RGB Percent	40%, 69%, 87%
CMY	0.6039, 0.3098, 0.1255
CMYK	0.55, 0.21, 0.00, 0.13
HSL	203°, 66%, 64%
HSV	203°, 55%, 87%
XYZ	34.2114, 39.1451, 75.5647
YIQ	158.9330, -59.7870, -1.2830

# Conversions

## Conversions Part 2

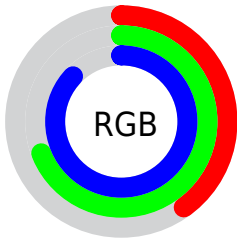
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 147, 223</a>
Decimal	<a href="#">6664415</a>
CIELab	<a href="#">68.86, -10.09, -30.77</a>
CIELCh	<a href="#">69, 32.380, 251.845</a>
Yxy	<a href="#">39.1451, 0.2297, 0.2629</a>
Android (android.graphics.Color)	<a href="#">4284854495 (0xFF65B0DF)</a>
YUV	<a href="#">158.9330, 31.5850, -50.8072</a>
Hunter-Lab	<a href="#">62.5660, -11.8858, -27.8118</a>

# Details

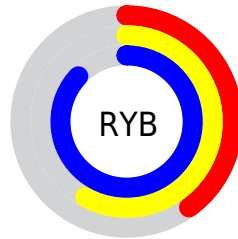
The Decimal color **6664415** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **14652517**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **10479871**, and **2325672** is the 20% darker color. If you saturate the color by 10%, you get **5220319**, and if you desaturate by 10%, it is **8108511**.

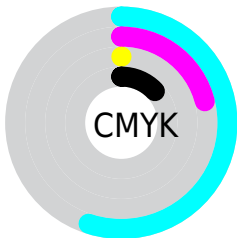
# Distribution



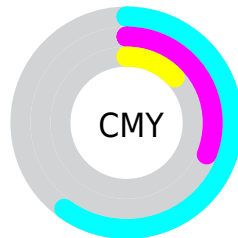
- Red (40%)
- Green (69%)
- Blue (87%)



- Red (40%)
- Yellow (58%)
- Blue (87%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)



- Cyan (60%)
- Magenta (31%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6664415 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 6664415 by changing the saturation by 10% instead.



6664415

6664415

16777215

4691395

10479871

2325672

12386303

25485

14352383

19315

16318463

13403

8003

813

279

0

■ 6664415

■ 6664415

■ 5220319

■ 8108511

■ 3710943

■ 9617887

■ 2266847

■ 11061983

■ 823007

■ 12505823

■ 35295

■ 13949919

■ 15459551

■ 16772319

■ 16774623

■ 16776671

# Harmonies

## Analogous

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



4568782



6664415



9611233

# Triad

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



6664415



14848669



9482876

# Complementary

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



6664415



14652517

# 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.



11643502



6664415



14587778

# Square

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



6664415



14062779



13410417



7190421

# Rectangle

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



6664415



11444442



13410417



10203253

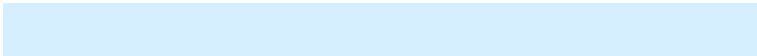


# Sweetspot

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



6664415



14086143



6676372



6780544



0



8421504

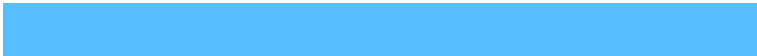


# Same Dimension

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



6664415



5750527



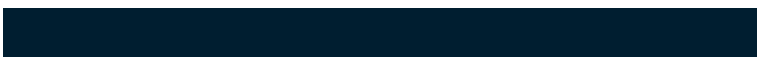
6648799



6646896



27824



7728



# Inverse Universe

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



14640560



16734142



14668133



7365996



11534444



3145758



# Previews

## White Background



This preview shows how the Decimal color 6664415 looks on a white background.

## Color Contrast Check

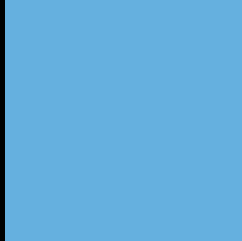
Large Text (above 18pt) WCAG AA × Fail

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 6664415 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

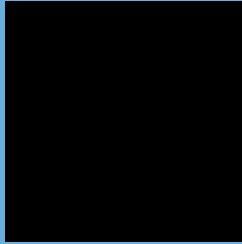
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

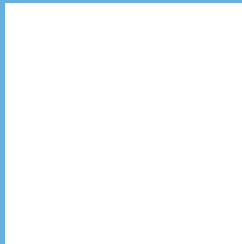
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6664415 Background



This preview shows how black text looks on a background with the Decimal color 6664415.



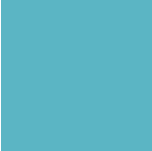
This preview shows how white text looks on a background with the Decimal color 6664415.

# 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**  
6010308

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6664415 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 #65B0DF looks like.

```
.text, #text, p{  
    color:#65B0DF  
}
```

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 #65B0DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B0DF
}
```

## Border

The CSS property to change the border of an element to Decimal 6664415 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
#65B0DF }
```

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

```
.border{ border-color:#65B0DF }
```

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

Here you see how a box with a 4 pixel #65B0DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B0DF; -webkit-box-shadow:4px 4px  
4px 4px #65B0DF; box-shadow:4px 4px 4px  
4px #65B0DF }
```

# Background

The CSS property to change the background color of an element to Decimal 6664415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B0DF }
```

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

```
.background{ background-color:#65B0DF }
```

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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