

Converting Colors

Decimal(615638)

Have a look what the booklet for
Decimal(615638) contains.

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Color

Decimal(615638)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0964D6 |
| RGB | 9, 100, 214 |
| RGB Percent | 4%, 39%, 84% |
| CMY | 0.9647, 0.6078, 0.1608 |
| CMYK | 0.96, 0.53, 0.00, 0.16 |
| HSL | 213°, 92%, 44% |
| HSV | 213°, 96%, 84% |
| XYZ | 16.8074, 14.0275, 65.4401 |
| YIQ | 85.7870, -90.8300, 16.1620 |

Conversions

Conversions Part 2

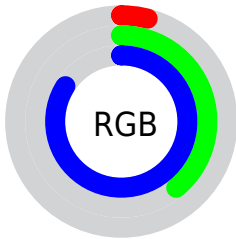
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 9, 72, 214 |
| Decimal | 615638 |
| CIE Lab | 44.27, 20.85, -64.86 |
| CIE LCh | 44, 68.133, 287.820 |
| Yxy | 14.0275, 0.1746, 0.1457 |
| Android (android.graphics.Color) | 4278805718 (0xFF0964D6) |
| YUV | 85.7870, 63.2090, -67.3422 |
| Hunter-Lab | 37.4532, 14.5600, -77.3770 |

Details

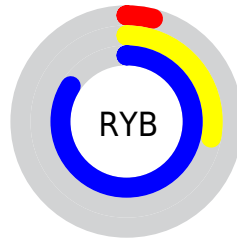
The Decimal color **615638** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **14056201**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **6854399**, and **14238** is the 20% darker color. If you saturate the color by 10%, you get **24534**, and if you desaturate by 10%, it is **1994966**.

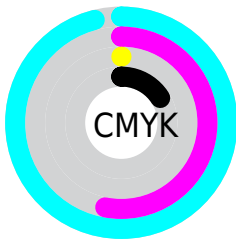
Distribution



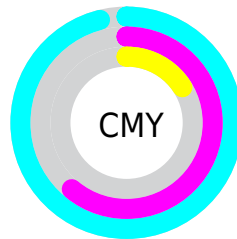
- Red (4%)
- Green (39%)
- Blue (84%)



- Red (4%)
- Yellow (28%)
- Blue (84%)



- Cyan (96%)
- Magenta (53%)
- Yellow (0%)
- Black (16%)

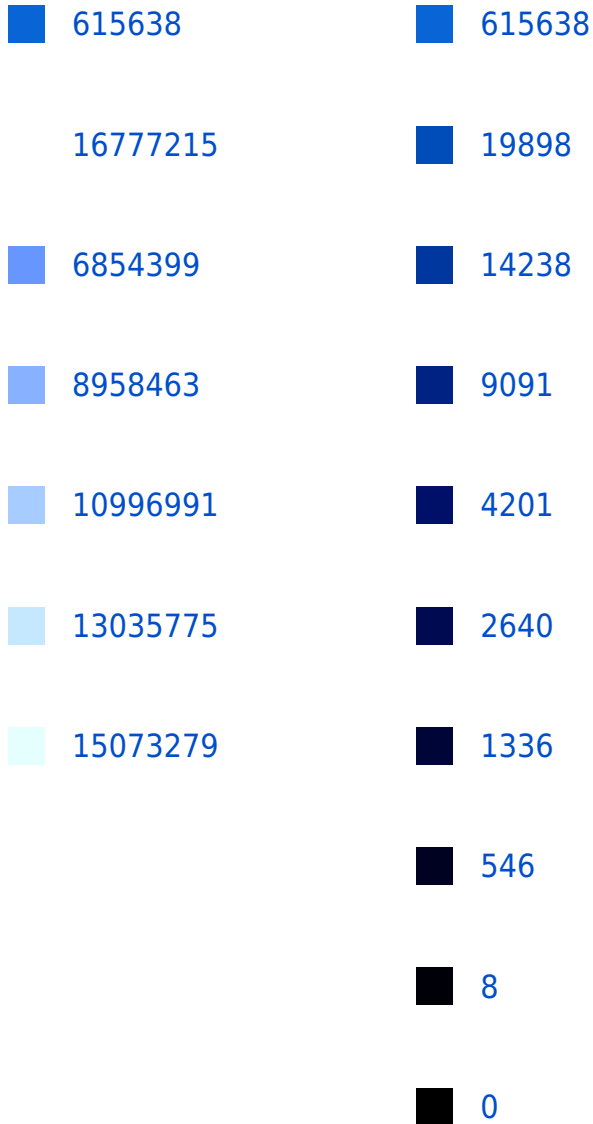


- Cyan (96%)
- Magenta (61%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 615638 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 615638 by changing the saturation by 10% instead.



■ 615638

■ 615638

■ 24534

■ 1994966

■ 3439830

■ 4819158

■ 6264022

■ 7643350

■ 9022422

■ 10467286

■ 11846614

■ 13291478

Harmonies

Analogous

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



30425



615638



9651894

Triad

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



615638



12075537



32847

Complementary

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



615638



14056201

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.



31500



615638



9592320

Square

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



615638



13246538



6320128



33162

Rectangle

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



615638



11939477



6320128



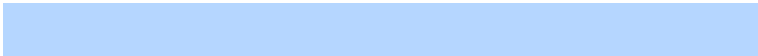
32315

Sweetspot

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



615638



11917055



644730



5465984



0



8421504

Same Dimension

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



615638



29183



1247702



6317419



19627



4907

Inverse Universe

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



14027108



16711793



13424137



7037029



11206732



2818067

Previews

White Background



This preview shows how the Decimal color 615638 looks on a white 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 × Fail

Black Background



This preview shows how the Decimal color 615638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

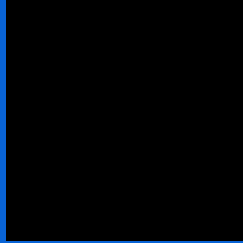
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

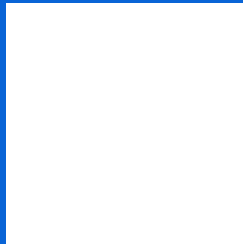
Any Text WCAG AAA × Fail

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

Decimal 615638 Background



This preview shows how black text looks on a background with the Decimal color 615638.



This preview shows how white text looks on a background with the Decimal color 615638.

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
615638

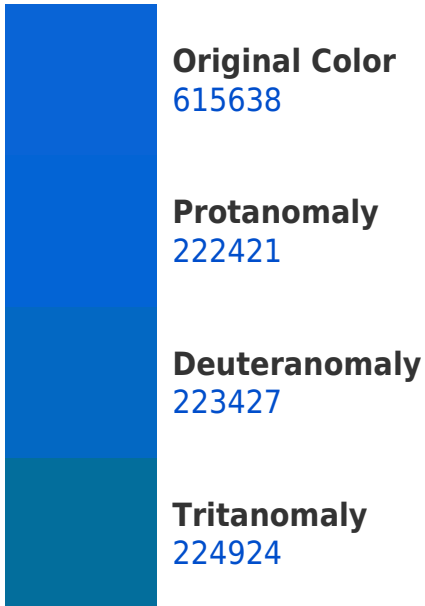
Protanopia
25813

Deuteranopia
27576



Tritanopia
29819

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 615638 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 #0964D6 looks like.

```
.text, #text, p{  
  color:#0964D6  
}
```

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 #0964D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0964D6
}
```

Border

The CSS property to change the border of an element to Decimal 615638 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
#0964D6 }
```

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

```
.border{ border-color:#0964D6 }
```

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

Here you see how a box with a 4 pixel #0964D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0964D6; -webkit-box-shadow:4px 4px  
4px 4px #0964D6; box-shadow:4px 4px 4px  
4px #0964D6 }
```

Background

The CSS property to change the background color of an element to Decimal 615638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0964D6 }
```

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

```
.background{ background-color:#0964D6 }
```

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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