

# Converting Colors

Decimal(6418600)

Have a look what the booklet for  
Decimal(6418600) contains.

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# **Color**

**Decimal(6418600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61F0A8
RGB	97, 240, 168
RGB Percent	38%, 94%, 66%
CMY	0.6196, 0.0588, 0.3412
CMYK	0.60, 0.00, 0.30, 0.06
HSL	150°, 83%, 66%
HSV	150°, 60%, 94%
XYZ	43.1577, 67.6887, 47.8364
YIQ	189.0350, -62.1160, -52.7080

# Conversions

## Conversions Part 2

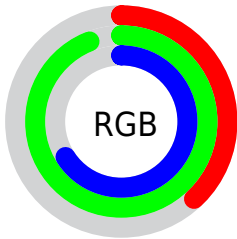
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 193, 240
Decimal	6418600
CIELab	85.85, -54.71, 23.56
CIELCh	86, 59.564, 156.697
Yxy	67.6887, 0.2720, 0.4266
Android (android.graphics.Color)	4284608680 (0xFF61F0A8)
YUV	189.0350, -10.3703, -80.7147
Hunter-Lab	82.2732, -50.3429, 23.1180

# Details

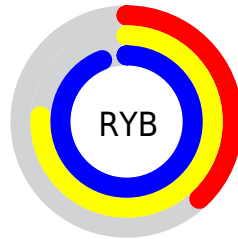
The Decimal color **6418600** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **15753641**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **10485727**, and **571252** is the 20% darker color. If you saturate the color by 10%, you get **4845724**, and if you desaturate by 10%, it is **7991476**.

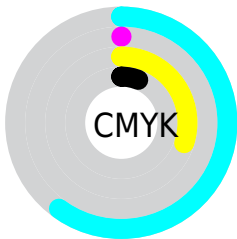
# Distribution



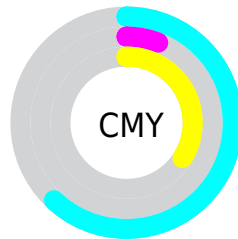
- Red (38%)
- Green (94%)
- Blue (66%)



- Red (38%)
- Yellow (76%)
- Blue (94%)



- Cyan (60%)
- Magenta (0%)
- Yellow (30%)
- Black (6%)



- Cyan (62%)
- Magenta (6%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6418600 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 6418600 by changing the saturation by 10% instead.



6418600

6418600

16777215

4182925

10485727

571252

12451836

39771

14417919

32835

16449535

26156

19734

13568

7424

0

 6418600

 6418600


 4845724

 7991476

 3272848

 9564352

 1699972

 11137228

 127096

 12710104

 61559

 14282980

 15855857

 16773373

 16773375

# Harmonies

## Analogous

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



11593593



6418600



62434

# Triad

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



6418600



9296127



16756886

# Complementary

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



6418600



15753641

# 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.



16754636



6418600



15516671

# Square

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



6418600



59647



16756735



16761967

# Rectangle

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



6418600



62463



16756735



16755623

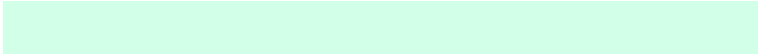


# Sweetspot

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



6418600



13762536



11268193



6520945



0



8421504



# Same Dimension

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



6418600



4718499



6418670



7108722



47195



14364



# Inverse Universe

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



15753641



16730020



15753571



7892082



12058716

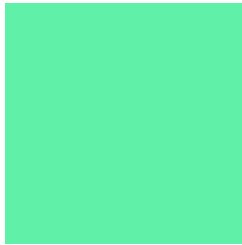


3670044



# Previews

## White Background



This preview shows how the Decimal color 6418600 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 6418600 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

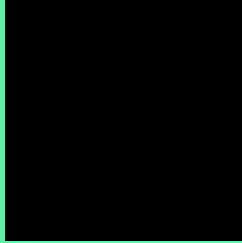
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

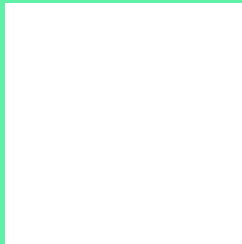
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6418600 Background



This preview shows how black text looks on a background with the Decimal color 6418600.

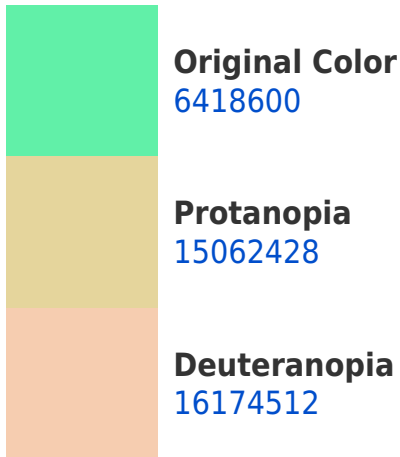


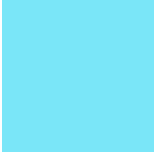
This preview shows how white text looks on a background with the Decimal color 6418600.

# 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



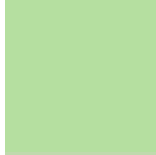


**Tritanopia**  
8054520

# Trichromacy



**Original Color**  
6418600



**Protanomaly**  
11919264



**Deuteranomaly**  
12638893



**Tritanomaly**  
7465691

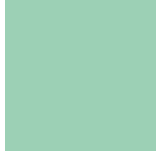
# Monochromacy



**Original Color**  
6418600



**Achromatopsia**  
12434877



**Achromatomaly**  
10277045

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6418600 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 #61F0A8 looks like.

```
.text, #text, p{  
    color:#61F0A8  
}
```

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 #61F0A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61F0A8
}
```

## Border

The CSS property to change the border of an element to Decimal 6418600 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
#61F0A8 }
```

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

```
.border{ border-color:#61F0A8 }
```

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

Here you see how a box with a 4 pixel #61F0A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61F0A8; -webkit-box-shadow:4px 4px  
4px 4px #61F0A8; box-shadow:4px 4px 4px  
4px #61F0A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6418600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61F0A8 }
```

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

```
.background{ background-color:#61F0A8 }
```

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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