

# Converting Colors

Decimal(6514308)

Have a look what the booklet for  
Decimal(6514308) contains.

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# Color

**Decimal(6514308)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636684
RGB	99, 102, 132
RGB Percent	39%, 40%, 52%
CMY	0.6118, 0.6000, 0.4824
CMYK	0.25, 0.23, 0.00, 0.48
HSL	235°, 14%, 45%
HSV	235°, 25%, 52%
XYZ	14.0618, 13.8213, 23.7564
YIQ	104.5230, -11.4180, 8.6940

# Conversions

## Conversions Part 2

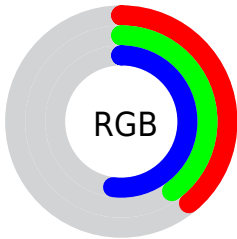
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 102, 132
Decimal	6514308
CIE Lab	43.98, 5.93, -17.00
CIE LCh	44, 18.002, 289.236
Yxy	13.8213, 0.2723, 0.2676
Android (android.graphics.Color)	4284704388 (0xFF636684)
YUV	104.5230, 13.5462, -4.8437
Hunter-Lab	37.1771, 2.4558, -11.8629

# Details

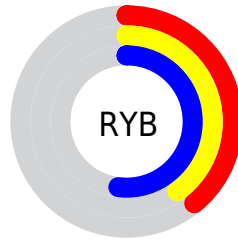
The Decimal color **6514308** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8683875**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **9869753**, and **3356498** is the 20% darker color. If you saturate the color by 10%, you get **5659268**, and if you desaturate by 10%, it is **7369348**.

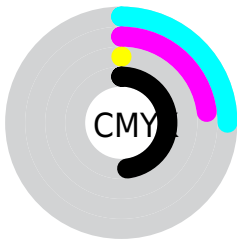
# Distribution



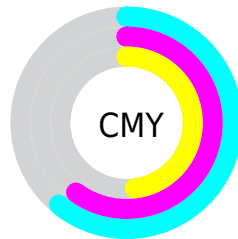
- Red (39%)
- Green (40%)
- Blue (52%)



- Red (39%)
- Yellow (40%)
- Blue (52%)



- Cyan (25%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (61%)
- Magenta (60%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6514308 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 6514308 by changing the saturation by 10% instead.





6514308



6514308

16777215



4935275



9869753



3356498



11646165



1909307



13488113



461862



15330303



271



0



6514308



6514308



5659268



7369348



4804228



8224388

■ 3883652

■ 9144964

■ 3028612

■ 10000004

■ 2173572

■ 10855044

■ 1318532

■ 11710084

■ 463492

■ 12565124

■ 3204

■ 13485700

■ 14340740

# Harmonies

## Analogous

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



5139333



6514308



7758204

# Triad

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



6514308



8544338



4681826

# Complementary

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



6514308



8683875

# 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.



5795412



6514308



7890251

# Square

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



6514308



8805727



6908492



4026481

# Rectangle

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



6514308



8347251



6908492



5074781



# Sweetspot

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



6514308



10329771



6521985



5132119



14079702



5723991



# Same Dimension

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



6514308



7896235



7365508



3947586



3202



3



# Inverse Universe

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



8676198



11237500



7832675



4340796



8519692



196608



# Previews

## White Background



This preview shows how the Decimal color 6514308 looks on a white background.

## Color Contrast Check

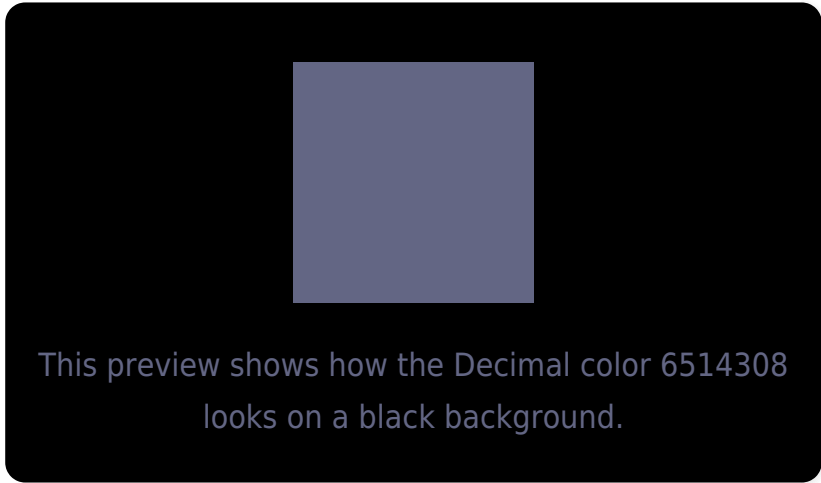
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

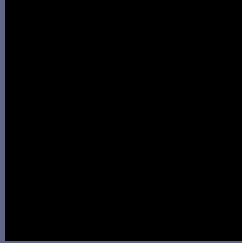
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

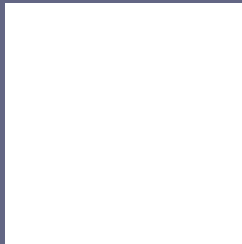
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6514308 Background



This preview shows how black text looks on a background with the Decimal color 6514308.

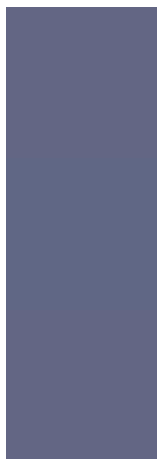


This preview shows how white text looks on a background with the Decimal color 6514308.

# 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**  
6514308

**Protanopia**  
6317957

**Deuteranopia**  
6514308



**Tritanopia**  
6252914

# Trichromacy



**Original Color**  
6514308

**Protanomaly**  
6383493

**Deuteranomaly**  
6514308

**Tritanomaly**  
6318201

# Monochromacy



**Original Color**  
6514308

**Achromatopsia**  
6908265

**Achromatomaly**  
6776947

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6514308 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 #636684 looks like.

```
.text, #text, p{  
    color:#636684  
}
```

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 #636684 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636684
}
```

## Border

The CSS property to change the border of an element to Decimal 6514308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

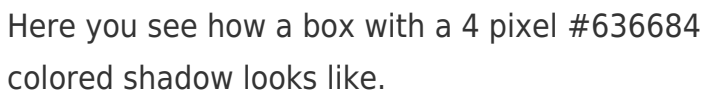
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636684 }
```

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

```
.border{ border-color:#636684 }
```

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



Here you see how a box with a 4 pixel #636684 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636684; -webkit-box-shadow:4px 4px  
4px 4px #636684; box-shadow:4px 4px 4px  
4px #636684 }
```

# Background

The CSS property to change the background color of an element to Decimal 6514308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636684 }
```

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

```
.background{ background-color:#636684 }
```

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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