

# Converting Colors

Decimal(6520960)

Have a look what the booklet for  
Decimal(6520960) contains.

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# Color

**Decimal(6520960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	638080
RGB	99, 128, 128
RGB Percent	39%, 50%, 50%
CMY	0.6118, 0.4980, 0.4980
CMYK	0.23, 0.00, 0.00, 0.50
HSL	180°, 13%, 45%
HSV	180°, 23%, 50%
XYZ	16.7610, 19.6495, 23.3314
YIQ	119.3290, -17.2840, -6.1480

# Conversions

## Conversions Part 2

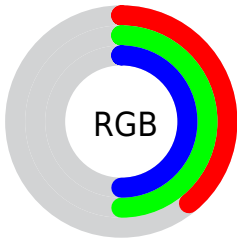
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 114, 128
Decimal	6520960
CIE <sub>Lab</sub>	51.44, -10.30, -3.41
CIE <sub>LCh</sub>	51, 10.846, 198.309
Yxy	19.6495, 0.2806, 0.3289
Android (android.graphics.Color)	4284711040 (0xFF638080)
YUV	119.3290, 4.2748, -17.8285
Hunter-Lab	44.3278, -10.0798, -0.1772

# Details

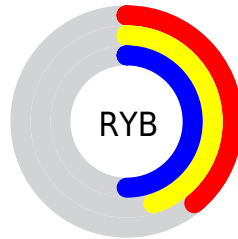
The Decimal color **6520960** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8414051**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **9876917**, and **3362639** is the 20% darker color. If you saturate the color by 10%, you get **5668992**, and if you desaturate by 10%, it is **7372928**.

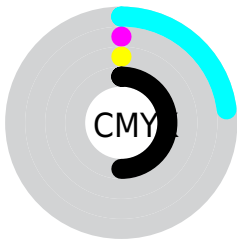
# Distribution



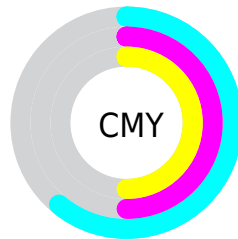
- Red (39%)
- Green (50%)
- Blue (50%)



- Red (39%)
- Yellow (45%)
- Blue (50%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (50%)



- Cyan (61%)
- Magenta (50%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6520960 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 6520960 by changing the saturation by 10% instead.





6520960



6520960

16777215



4941671



9876917



3362639



11653328



1914936



13495789



401955



15335423



2573



0



6520960



6520960



5668992



7372928



4817024



8224896

■ 4030592

■ 9011328

■ 3178624

■ 9863296

■ 2326656

■ 10715264

■ 1474688

■ 11567232

■ 622720

■ 12419200

■ 32896

■ 13205632

■ 14057600

# Harmonies

## Analogous

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



6848630



6520960



6586248

# Triad

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



6520960



8615559



8812905

# Complementary

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



6520960



8414051

# 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.



9205357



6520960



9139583

# Square

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



6520960



7895436



9335925



8158313

# Rectangle

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



6520960



6913419



9335925



8943722



# Sweetspot

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



6520960



10135206



6520931



5067860



13948116



5526612



# Same Dimension

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



6520960



7972518



6517376



3752000



32896



0



# Inverse Universe

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



8414080



10910118



8417891



4208960



8388736



0



# Previews

## White Background



This preview shows how the Decimal color 6520960 looks on a white 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

# Black Background



This preview shows how the Decimal color 6520960 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

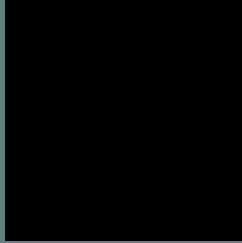
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

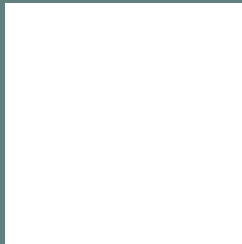
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6520960 Background



This preview shows how black text looks on a background with the Decimal color 6520960.



This preview shows how white text looks on a background with the Decimal color 6520960.

# 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**  
6520960

**Protanopia**  
8157820

**Deuteranopia**  
8615810



**Tritanopia**  
6651785

# Trichromacy



**Original Color**  
6520960

**Protanomaly**  
7568509

**Deuteranomaly**  
7830145

**Tritanomaly**  
6586246

# Monochromacy



**Original Color**  
6520960

**Achromatopsia**  
7829367

**Achromatomaly**  
7371386

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6520960 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 #638080 looks like.

```
.text, #text, p{  
    color:#638080  
}
```

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 #638080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638080
}
```

## Border

The CSS property to change the border of an element to Decimal 6520960 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
#638080 }
```

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

```
.border{ border-color:#638080 }
```

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

Here you see how a box with a 4 pixel #638080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638080; -webkit-box-shadow:4px 4px  
4px 4px #638080; box-shadow:4px 4px 4px  
4px #638080 }
```

# Background

The CSS property to change the background color of an element to Decimal 6520960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638080 }
```

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

```
.background{ background-color:#638080 }
```

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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