

# Converting Colors

Decimal(6521344)

Have a look what the booklet for  
Decimal(6521344) contains.

<b>Decimal(6521344)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6521344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	638200
RGB	99, 130, 0
RGB Percent	39%, 51%, 0%
CMY	0.6118, 0.4902, 1.0000
CMYK	0.24, 0.00, 1.00, 0.49
HSL	74°, 100%, 25%
HSV	74°, 100%, 51%
XYZ	13.1282, 18.6179, 2.9017
YIQ	105.9110, 23.2540, -47.0020

# Conversions

## Conversions Part 2

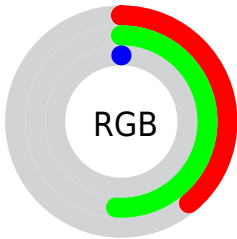
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 31
Decimal	6521344
CIELab	50.24, -27.05, 54.46
CIElCh	50, 60.808, 116.408
Yxy	18.6179, 0.3789, 0.5373
Android (android.graphics.Color)	4284711424 (0xFF638200)
YUV	105.9110, -52.2141, -6.0609
Hunter-Lab	43.1485, -21.2000, 26.2167

# Details

The Decimal color **6521344** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **2031746**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **10073922**, and **3100672** is the 20% darker color. If you saturate the color by 10%, you get **6521344**, and if you desaturate by 10%, it is **6717965**.

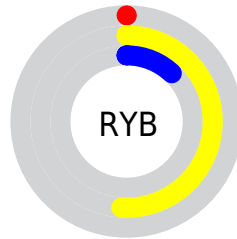
# Distribution



Red (39%)

Green (51%)

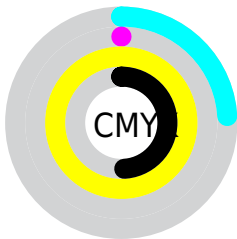
Blue (0%)



Red (0%)

Yellow (51%)

Blue (12%)

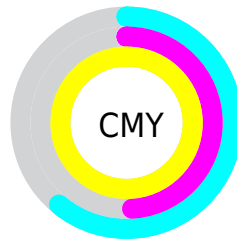


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (61%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6521344 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 6521344 by changing the saturation by 10% instead.



 6521344

 6521344


16777215

 4811008

 10073922

 3100672

 11981660

 1194240

 13823863

 9216

 15728530

 512

 16777134

 0

 16777162

 16777191

 6521344

■ 6717965

■ 6914586

■ 7111207

■ 7307828

■ 7504449

■ 7766606

■ 7963227

■ 8159848

■ 8356469

# Harmonies

## Analogous

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



9794304



6521344



35642

# Triad

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



6521344



35789



13582720

# Complementary

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



6521344



2031746

# 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.



11490482



6521344



32991

# Square

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



6521344



36772



6909141



13715277

# Rectangle

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



6521344



36445



6909141



13125009



# Sweetspot

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



6521344



10266742



8527360



5067830



13948116



5526612



# Same Dimension

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



6521344



8431616



2327040



4079673



6389760



0



# Inverse Universe

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



2031746



2621608



6226050



3881280



1966208



0



# Previews

## White Background



This preview shows how the Decimal color 6521344 looks on a white background.

## Color Contrast Check

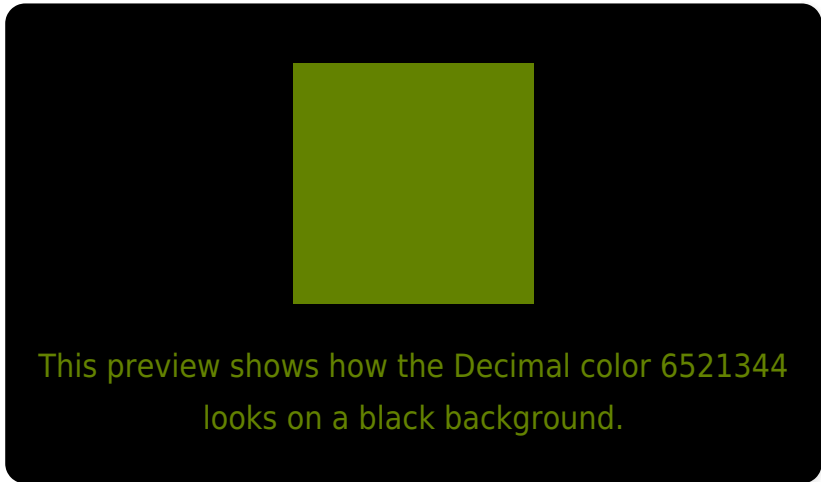
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 6521344 Background



This preview shows how black text looks on a background with the Decimal color 6521344.



This preview shows how white text looks on a background with the Decimal color 6521344.

# 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**  
6521344

**Protanopia**  
8878080

**Deuteranopia**  
9859352



# Trichromacy



**Original Color**  
6521344

**Protanomaly**  
8027136

**Deuteranomaly**  
8615695

**Tritanomaly**  
6978643

# Monochromacy



**Original Color**  
6521344

**Achromatopsia**  
6974058

**Achromatomaly**  
6779715

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6521344 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 #638200 looks like.

```
.text, #text, p{  
    color:#638200  
}
```

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 #638200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638200
}
```

## Border

The CSS property to change the border of an element to Decimal 6521344 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
#638200 }
```

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

```
.border{ border-color:#638200 }
```

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

Here you see how a box with a 4 pixel #638200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638200; -webkit-box-shadow:4px 4px  
4px 4px #638200; box-shadow:4px 4px 4px  
4px #638200 }
```

# Background

The CSS property to change the background color of an element to Decimal 6521344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638200 }
```

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

```
.background{ background-color:#638200 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor