

# Converting Colors

Decimal(6201344)

Have a look what the booklet for  
Decimal(6201344) contains.

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# Color

**Decimal(6201344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA000
RGB	94, 160, 0
RGB Percent	37%, 63%, 0%
CMY	0.6314, 0.3725, 1.0000
CMYK	0.41, 0.00, 1.00, 0.37
HSL	85°, 100%, 31%
HSV	85°, 100%, 63%
XYZ	17.1869, 27.5213, 4.4063
YIQ	122.0260, 12.0240, -63.7520

# Conversions

## Conversions Part 2

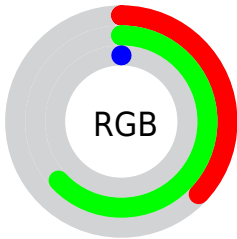
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 160, 66
Decimal	6201344
CIELab	59.45, -42.49, 61.43
CIELCh	59, 74.691, 124.672
Yxy	27.5213, 0.3499, 0.5603
Android (android.graphics.Color)	4284391424 (0xFF5EA000)
YUV	122.0260, -60.1588, -24.5788
Hunter-Lab	52.4607, -33.3271, 31.7426

# Details

The Decimal color **6201344** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4325536**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **9885512**, and **2321408** is the 20% darker color. If you saturate the color by 10%, you get **6201344**, and if you desaturate by 10%, it is **6660112**.

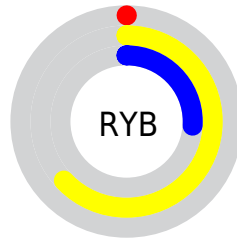
# Distribution



Red (37%)

Green (63%)

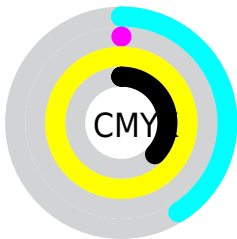
Blue (0%)



Red (0%)

Yellow (63%)

Blue (26%)

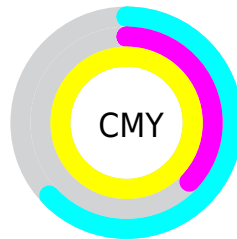


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (63%)

Magenta (37%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6201344 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 6201344 by changing the saturation by 10% instead.



 6201344	 6201344
 16777215	 4359424
 9885512	 2321408
 11793508	 21248
 13696895	 15104
 15663003	 9728
 16777143	 0
 16777172	
 16777201	
 6201344	

 6660112

 7053344

 7512112

 7905344

 8364112

 8822880

 9216112

 9674880

 10068112

# Harmonies

## Analogous

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



10719232



6201344



43347

# Triad

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



6201344



42495



16728968

# Complementary

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



6201344



4325536

# 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.



15029961



6201344



38143

# Square

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



6201344



44249



10123772



16406088

# Rectangle

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



6201344



44161



10123772



16533150



# Sweetspot

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



6201344



12046738



10502144



5859651



15263976



6908265



# Same Dimension

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



6201344



8114432



1089536



5001031



5541632



593664



# Inverse Universe

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



4325536



5636305



9437344



4867919



3866767



393231



# Previews

## White Background



This preview shows how the Decimal color 6201344 looks on a white background.

## Color Contrast Check

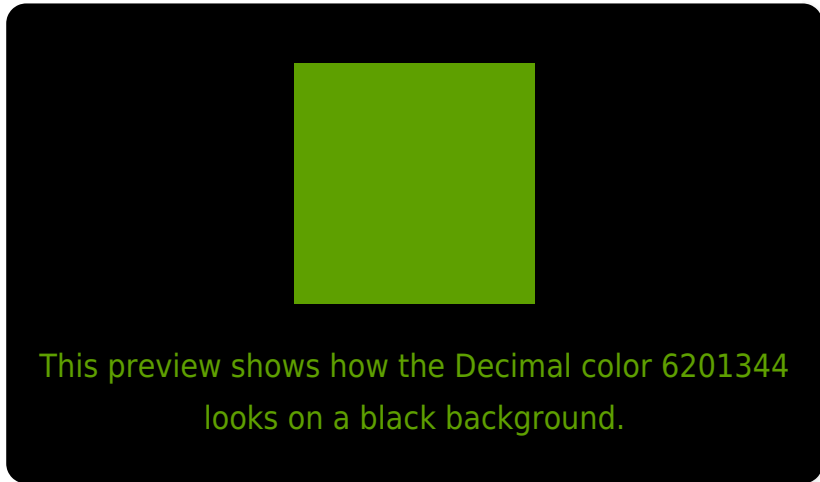
Large Text (above 18pt) WCAG AA ✓ Pass

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

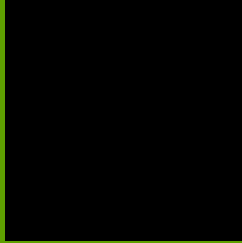
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6201344 Background



This preview shows how black text looks on a background with the Decimal color 6201344.



This preview shows how white text looks on a background with the Decimal color 6201344.

# 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**  
7378337

# Trichromacy



**Original Color**  
6201344

**Protanomaly**  
9016576

**Deuteranomaly**  
9736212

**Tritanomaly**  
6920550

# Monochromacy



**Original Color**  
6201344

**Achromatopsia**  
8026746

**Achromatomaly**  
7374926

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6201344 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 #5EA000 looks like.

```
.text, #text, p{  
    color:#5EA000  
}
```

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 #5EA000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA000
}
```

## Border

The CSS property to change the border of an element to Decimal 6201344 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".

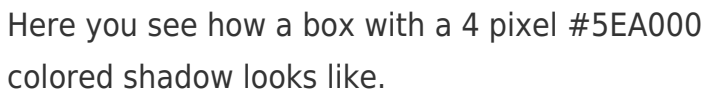
```
.border, #border, table{ border:4px solid
#5EA000 }
```

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

```
.border{ border-color:#5EA000 }
```

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

Here you see how a box with a 4 pixel #5EA000 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA000; -webkit-box-shadow:4px 4px  
4px 4px #5EA000; box-shadow:4px 4px 4px  
4px #5EA000 }
```

# Background

The CSS property to change the background color of an element to Decimal 6201344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA000 }
```

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

```
.background{ background-color:#5EA000 }
```

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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