

# Converting Colors

Decimal(6324736)

Have a look what the booklet for  
Decimal(6324736) contains.

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**Color**

**Decimal(6324736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	608200
RGB	96, 130, 0
RGB Percent	38%, 51%, 0%
CMY	0.6235, 0.4902, 1.0000
CMYK	0.26, 0.00, 1.00, 0.49
HSL	76°, 100%, 25%
HSV	76°, 100%, 51%
XYZ	12.8065, 18.4521, 2.8866
YIQ	105.0140, 21.4660, -47.6380

# Conversions

## Conversions Part 2

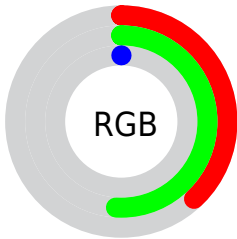
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 34
Decimal	6324736
CIELab	50.04, -28.32, 54.23
CIELCh	50, 61.178, 117.579
Yxy	18.4521, 0.3751, 0.5404
Android (android.graphics.Color)	4284514816 (0xFF608200)
YUV	105.0140, -51.7719, -7.9053
Hunter-Lab	42.9559, -21.9563, 26.0848

# Details

The Decimal color **6324736** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **2228354**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **9877314**, and **2904064** is the 20% darker color. If you saturate the color by 10%, you get **6324736**, and if you desaturate by 10%, it is **6521357**.

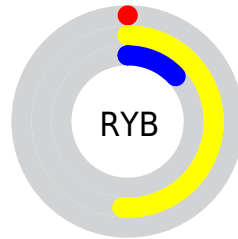
# Distribution



Red (38%)

Green (51%)

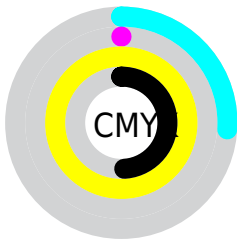
Blue (0%)



Red (0%)

Yellow (51%)

Blue (13%)

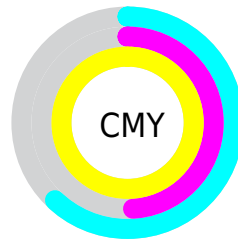


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (62%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6324736 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 6324736 by changing the saturation by 10% instead.



 6324736

 6324736

16777215

 4614400

 9877314

 2904064

 11719516

 932096

 13627255

 9216

 15531922

 0

 16777133

 16777162

 16777190

 6324736

 6521357

 6783514

 6980135

 7242292

 7438913

 7635534

 7897691

 8094312

 8356469

# Harmonies

## Analogous

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



9663232



6324736



35387

# Triad

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



6324736



35535



13647742

# Complementary

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



6324736



2228354

# 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.



11621040



6324736



32736

# Square

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



6324736



36518



7105492



13649738

# Rectangle

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



6324736



36191



7105492



13190031



# Sweetspot

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



6324736



10201206



8528128



5002294



13948116



5526612



# Same Dimension

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



6324736



8169472



2195968



4079673



6193152



0



# Inverse Universe

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



2228354



2883752



6422658



3881280



2162816



0



# Previews

## White Background



This preview shows how the Decimal color 6324736 looks on a white background.

## Color Contrast Check

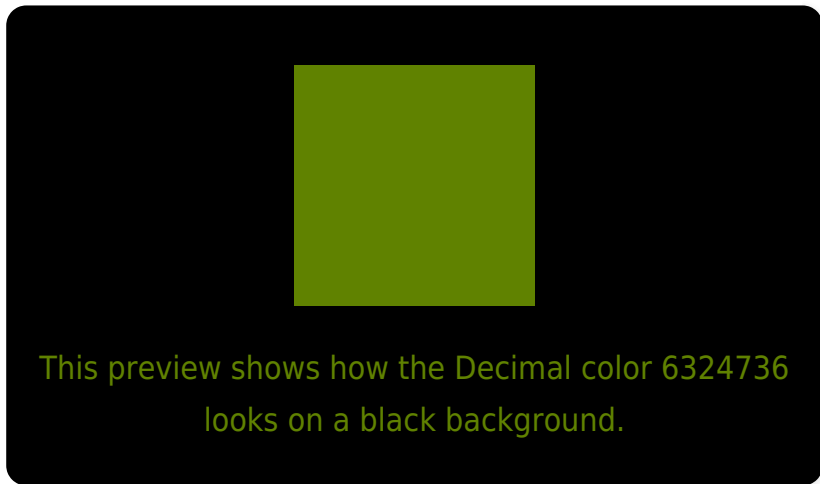
Large Text (above 18pt) WCAG AA ✓ Pass

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 6324736 Background



This preview shows how black text looks on a background with the Decimal color 6324736.



This preview shows how white text looks on a background with the Decimal color 6324736.

# 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**  
7108994

# Trichromacy



**Original Color**  
6324736

**Protanomaly**  
7895808

**Deuteranomaly**  
8550159

**Tritanomaly**  
6847571

# Monochromacy



**Original Color**  
6324736

**Achromatopsia**  
6908265

**Achromatomaly**  
6713923

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6324736 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 #608200 looks like.

```
.text, #text, p{  
    color:#608200  
}
```

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 #608200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #608200
}
```

## Border

The CSS property to change the border of an element to Decimal 6324736 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
#608200 }
```

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

```
.border{ border-color:#608200 }
```

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

Here you see how a box with a 4 pixel #608200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #608200; -webkit-box-shadow:4px 4px  
4px 4px #608200; box-shadow:4px 4px 4px  
4px #608200 }
```

# Background

The CSS property to change the background color of an element to Decimal 6324736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#608200 }
```

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

```
.background{ background-color:#608200 }
```

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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