

# Converting Colors

Decimal(6714113)

Have a look what the booklet for  
Decimal(6714113) contains.

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**Color**

**Decimal(6714113)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	667301
RGB	102, 115, 1
RGB Percent	40%, 45%, 0%
CMY	0.6000, 0.5490, 0.9961
CMYK	0.11, 0.00, 0.99, 0.55
HSL	67°, 98%, 23%
HSV	67°, 99%, 45%
XYZ	11.6157, 15.0884, 2.3289
YIQ	98.1170, 28.8460, -38.2100

# Conversions

## Conversions Part 2

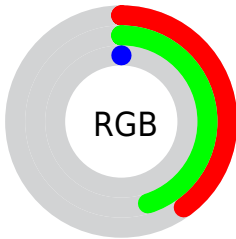
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 115, 14
Decimal	6714113
CIE <sub>Lab</sub>	45.76, -18.06, 50.96
CIE <sub>LCh</sub>	46, 54.063, 109.515
Yxy	15.0884, 0.4001, 0.5197
Android (android.graphics.Color)	4284904193 (0xFF667301)
YUV	98.1170, -47.8787, 3.4054
Hunter-Lab	38.8438, -14.5988, 23.6360

# Details

The Decimal color **6714113** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **917875**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **10266431**, and **3359488** is the 20% darker color. If you saturate the color by 10%, you get **6714112**, and if you desaturate by 10%, it is **6779660**.

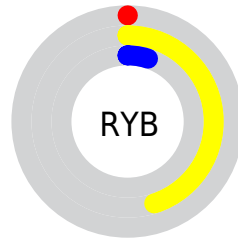
# Distribution



Red (40%)

Green (45%)

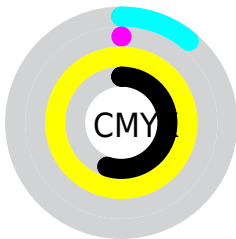
Blue (0%)



Red (0%)

Yellow (45%)

Blue (5%)

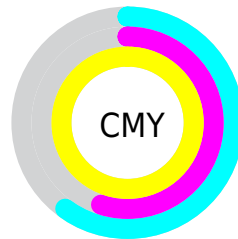


Cyan (11%)

Magenta (0%)

Yellow (99%)

Black (55%)



Cyan (60%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6714113 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 6714113 by changing the saturation by 10% instead.



6714113

6714113

16777215

5003776

10266431

3359488

12108377

1649920

14016115

6656

15923854

0

16777129

16777157

16777186

6714113

6714113

■ 6714112

■ 6779660

■ 6910744

■ 6976291

■ 7041839

■ 7172923

■ 7238470

■ 7304018

■ 7369565

■ 7500649

# Harmonies

## Analogous

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



9397504



6714113



2849837

# Triad

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



6714113



32433



11878526

# Complementary

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



6714113



917875

# 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.



9654952



6714113



30406

# Square

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



6714113



33161



4876226



12402769

# Rectangle

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



6714113



32587



4876226



11355533



# Sweetspot

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



6714113



9541225



7539713



4803889



13421772



5066061



# Same Dimension

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



6714113



8754688



3109633



3816245



7109120



14547456



# Inverse Universe

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



917875



1114262



4522355



3487035



917626



1835258



# Previews

## White Background



This preview shows how the Decimal color 6714113 looks on a white background.

## Color Contrast Check

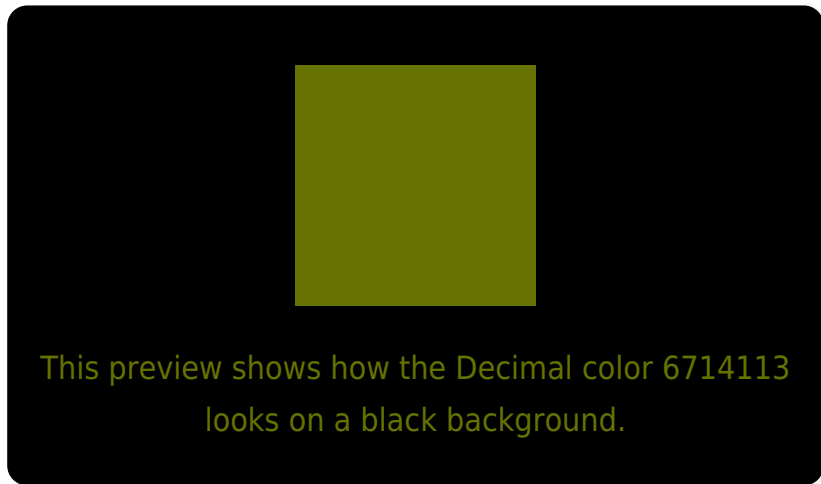
Large Text (above 18pt) WCAG AA ✓ Pass

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

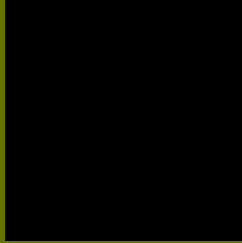
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6714113 Background



This preview shows how black text looks on a background with the Decimal color 6714113.



This preview shows how white text looks on a background with the Decimal color 6714113.

# 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**  
6714113

**Protanopia**  
8023296

**Deuteranopia**  
9004819



# Trichromacy



**Original Color**  
6714113

**Protanomaly**  
7565056

**Deuteranomaly**  
8153868

**Tritanomaly**  
7106122

# Monochromacy



**Original Color**  
6714113

**Achromatopsia**  
6447714

**Achromatomaly**  
6514751

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6714113 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 #667301 looks like.

```
.text, #text, p{  
    color:#667301  
}
```

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 #667301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667301
}
```

## Border

The CSS property to change the border of an element to Decimal 6714113 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
#667301 }
```

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

```
.border{ border-color:#667301 }
```

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

Here you see how a box with a 4 pixel #667301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667301; -webkit-box-shadow:4px 4px  
4px 4px #667301; box-shadow:4px 4px 4px  
4px #667301 }
```

# Background

The CSS property to change the background color of an element to Decimal 6714113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667301 }
```

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

```
.background{ background-color:#667301 }
```

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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