

# Converting Colors

Decimal(6995208)

Have a look what the booklet for  
Decimal(6995208) contains.

<b>Decimal(6995208)</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(6995208)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6ABD08
RGB	106, 189, 8
RGB Percent	42%, 74%, 3%
CMY	0.5843, 0.2588, 0.9686
CMYK	0.44, 0.00, 0.96, 0.26
HSL	88°, 92%, 39%
HSV	88°, 96%, 74%
XYZ	24.1853, 39.4769, 6.5748
YIQ	143.5490, 8.6330, -73.8870

# Conversions

## Conversions Part 2

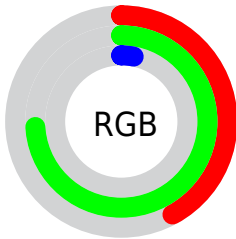
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 189, 91
Decimal	6995208
CIE <sub>Lab</sub>	69.10, -49.95, 68.25
CIE <sub>LCh</sub>	69, 84.577, 126.198
Yxy	39.4769, 0.3443, 0.5621
Android (android.graphics.Color)	4285185288 (0xFF6ABD08)
YUV	143.5490, -66.8257, -32.9305
Hunter-Lab	62.8306, -41.2439, 37.7771

# Details

The Decimal color **6995208** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5966013**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **10810961**, and **2918144** is the 20% darker color. If you saturate the color by 10%, you get **6733056**, and if you desaturate by 10%, it is **7585051**.

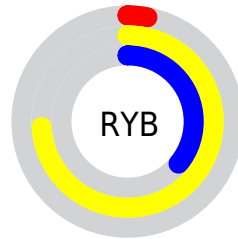
# Distribution



Red (42%)

Green (74%)

Blue (3%)



Red (3%)

Yellow (74%)

Blue (36%)

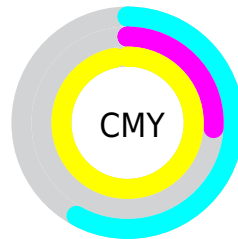


Cyan (44%)

Magenta (0%)

Yellow (96%)

Black (26%)



Cyan (58%)

Magenta (26%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6995208 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 6995208 by changing the saturation by 10% instead.





6995208



6995208

16777215



5022208



10810961



2918144



12779374



27904



14679946



21504



16646055



15104



16777155



9728



16777184



0

16777214



6995208



6995208

■ 6733056

■ 7585051

■ 8109358

■ 8699201

■ 9289044

■ 9813351

■ 10403193

■ 10993036

■ 11517343

■ 12107186

# Harmonies

## Analogous

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



12364544



6995208



51047

# Triad

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



6995208



49663



16732316

# Complementary

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



6995208



5966013

# 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.



16737512



6995208



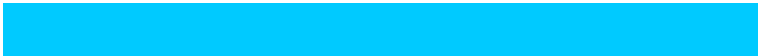
44543

# Square

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



6995208



51967



12356863



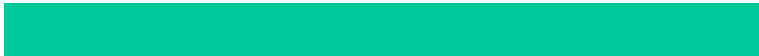
16738386

# Rectangle

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



6995208



51868



12356863



16732854

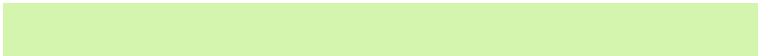


# Sweetspot

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



6995208



13956526



12409096



6781520



16448250



8026746



# Same Dimension

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



6995208



8779008



1162504



5922389



5676544



1122048



# Inverse Universe

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



5966013



7340277



11798717



5854558



4718750



917535



# Previews

## White Background



This preview shows how the Decimal color 6995208 looks on a white background.

## Color Contrast Check

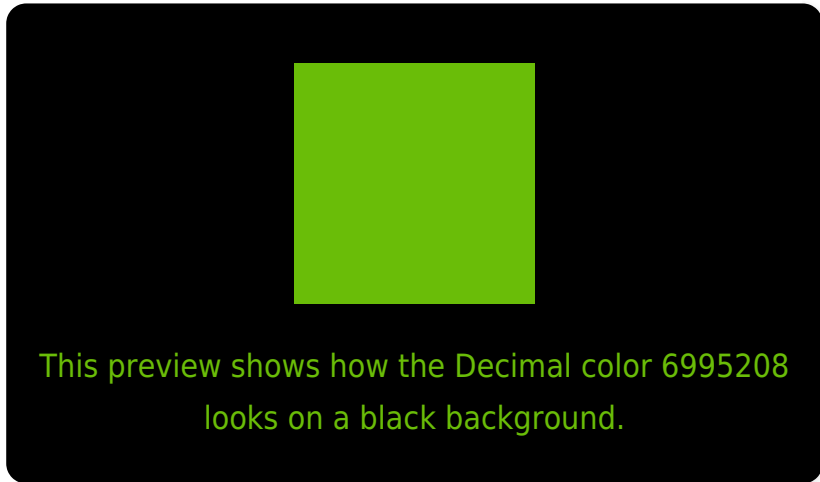
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Decimal 6995208 Background



This preview shows how black text looks on a background with the Decimal color 6995208.



This preview shows how white text looks on a background with the Decimal color 6995208.

# 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**  
8499390

# Trichromacy



**Original Color**  
6995208



**Protanomaly**  
10465283



**Deuteranomaly**  
11381275



**Tritanomaly**  
7976316

# Monochromacy



**Original Color**  
6995208



**Achromatopsia**  
9474192



**Achromatomaly**  
8560735

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6995208 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 #6ABD08 looks like.

```
.text, #text, p{  
    color:#6ABD08  
}
```

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 #6ABD08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6ABD08
}
```

## Border

The CSS property to change the border of an element to Decimal 6995208 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
#6ABD08 }
```

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

```
.border{ border-color:#6ABD08 }
```

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

Here you see how a box with a 4 pixel #6ABD08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6ABD08; -webkit-box-shadow:4px 4px  
4px 4px #6ABD08; box-shadow:4px 4px 4px  
4px #6ABD08 }
```

# Background

The CSS property to change the background color of an element to Decimal 6995208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6ABD08 }
```

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

```
.background{ background-color:#6ABD08 }
```

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