

Converting Colors

Decimal(7646208)

Have a look what the booklet for
Decimal(7646208) contains.

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Color

Decimal(7646208)

Conversions

Conversions Part 1

Format	Color
Hex	74AC00
RGB	116, 172, 0
RGB Percent	45%, 67%, 0%
CMY	0.5451, 0.3255, 1.0000
CMYK	0.33, 0.00, 1.00, 0.33
HSL	80°, 100%, 34%
HSV	80°, 100%, 67%
XYZ	21.9550, 33.2181, 5.2546
YIQ	135.6480, 21.8360, -65.3640

Conversions

Conversions Part 2

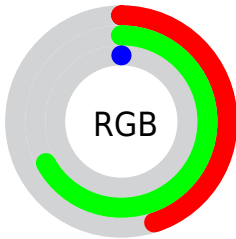
Format	Color
RYB	0, 172, 56
Decimal	7646208
CIELab	64.34, -39.49, 65.70
CIELCh	64, 76.655, 121.013
Yxy	33.2181, 0.3633, 0.5497
Android (android.graphics.Color)	4285836288 (0xFF74AC00)
YUV	135.6480, -66.8745, -17.2313
Hunter-Lab	57.6351, -32.8653, 34.9391

Details

The Decimal color **7646208** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3670188**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **11396172**, and **3897088** is the 20% darker color. If you saturate the color by 10%, you get **7646208**, and if you desaturate by 10%, it is **8039441**.

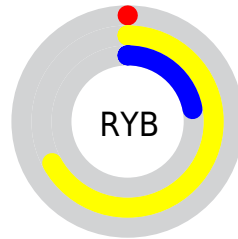
Distribution



Red (45%)

Green (67%)

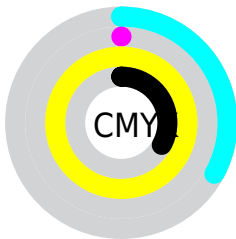
Blue (0%)



Red (0%)

Yellow (67%)

Blue (22%)

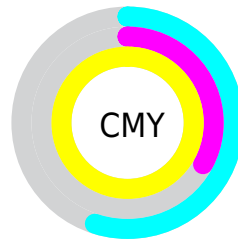


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7646208 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 7646208 by changing the saturation by 10% instead.

 7646208

 7646208

16777215

 5804288

 11396172

 3897088

 13303656

 1924608

 15204228

 17920

 16777120

 12032

 16777148

 6144

 16777177

 0

 16777206

 7646208

 8039441

 8367138

 8760372

 9088069

 9481302

 9874535

 10202232

 10595466

 10923163

Harmonies

Analogous

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



12163584



7646208



46677

Triad

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



7646208



46335



16732317

Complementary

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



7646208



3670188

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.



15689440



7646208



42239

Square

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



7646208



47841



10193407



16736090

Rectangle

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



7646208



47748



10193407



16733364

Sweetspot

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



7646208



13295773



11286016



6516808



15790320



7368816

Same Dimension

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



7646208



9953280



2141184



5527374



6657536



988928

Inverse Universe

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



3670188



4784352



9175212



5328471



3211414



458775

Previews

White Background



This preview shows how the Decimal color 7646208 looks on a white background.

Color Contrast Check

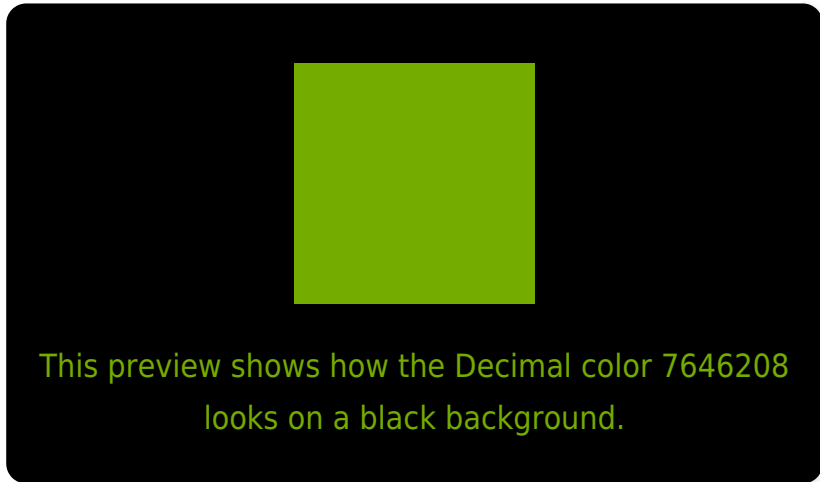
Large Text (above 18pt) WCAG AA × Fail

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 7646208 Background



This preview shows how black text looks on a background with the Decimal color 7646208.



This preview shows how white text looks on a background with the Decimal color 7646208.

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](#).

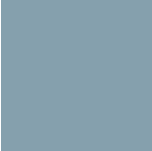
Dichromacy



Original Color
7646208

Protanopia
11508736

Deuteranopia
12882721



Tritanopia
8757421

Trichromacy



Original Color
7646208

Protanomaly
10134016

Deuteranomaly
10984469

Tritanomaly
8365166

Monochromacy



Original Color
7646208

Achromatopsia
8947848

Achromatomaly
8492375

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7646208 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 #74AC00 looks like.

```
.text, #text, p{  
    color:#74AC00  
}
```

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 #74AC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AC00
}
```

Border

The CSS property to change the border of an element to Decimal 7646208 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
#74AC00 }
```

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

```
.border{ border-color:#74AC00 }
```

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

Here you see how a box with a 4 pixel #74AC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AC00; -webkit-box-shadow:4px 4px  
4px 4px #74AC00; box-shadow:4px 4px 4px  
4px #74AC00 }
```

Background

The CSS property to change the background color of an element to Decimal 7646208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AC00 }
```

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

```
.background{ background-color:#74AC00 }
```

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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