

Converting Colors

Decimal(7636224)

Have a look what the booklet for
Decimal(7636224) contains.

Decimal(7636224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7636224)

Conversions

Conversions Part 1

Format	Color
Hex	748500
RGB	116, 133, 0
RGB Percent	45%, 52%, 0%
CMY	0.5451, 0.4784, 1.0000
CMYK	0.13, 0.00, 1.00, 0.48
HSL	68°, 100%, 26%
HSV	68°, 100%, 52%
XYZ	15.5900, 20.4881, 3.1329
YIQ	112.7550, 32.5610, -44.9670

Conversions

Conversions Part 2

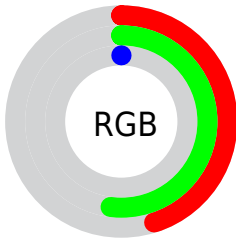
Format	Color
RYB	0, 133, 17
Decimal	7636224
CIELab	52.38, -21.06, 56.62
CIELCh	52, 60.410, 110.406
Yxy	20.4881, 0.3976, 0.5225
Android (android.graphics.Color)	4285826304 (0xFF748500)
YUV	112.7550, -55.5882, 2.8459
Hunter-Lab	45.2637, -17.7316, 27.5809

Details

The Decimal color **7636224** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1114245**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **11254339**, and **4215552** is the 20% darker color. If you saturate the color by 10%, you get **7636224**, and if you desaturate by 10%, it is **7767309**.

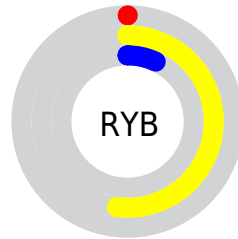
Distribution



Red (45%)

Green (52%)

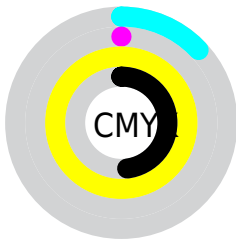
Blue (0%)



Red (0%)

Yellow (52%)

Blue (7%)

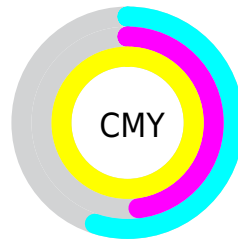


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (55%)


















Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7636224 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 7636224 by changing the saturation by 10% instead.

 7636224	 7636224
 16777215	 5860352
 11254339	 4215552
 13162078	 2440192
 15069816	 665344
 16777108	 3840
 16777135	 0
 16777164	
 16777192	
 7636224	

 7767309

 7832859

 7963944

 8095029

 8226115

 8291664

 8422749

 8553834

 8619384

Harmonies

Analogous

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



10777856



7636224



3116854

Triad

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



7636224



37580



13716112

Complementary

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



7636224



1114245

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.



11230912



7636224



35044

Square

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



7636224



38304



5863135



14240604

Rectangle

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



7636224



37720



5863135



13127585

Sweetspot

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



7636224



10988921



8720384



5461815



14079702



5723991

Same Dimension

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



7636224



9940224



3376384



4276796



7438848



131840

Inverse Universe

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



1114245



1441965



5374085



4013122



1114242



3

Previews

White Background



This preview shows how the Decimal color 7636224 looks on a white background.

Color Contrast Check

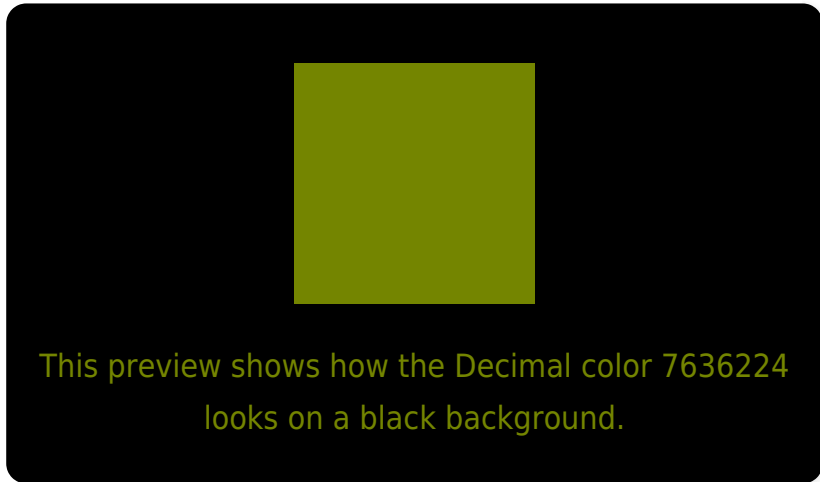
Large Text (above 18pt) WCAG AA ✓ Pass

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 7636224 Background



This preview shows how black text looks on a background with the Decimal color 7636224.



This preview shows how white text looks on a background with the Decimal color 7636224.

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
7636224

Protanopia
9272576

Deuteranopia
10319383



Tritanopia
8289413

Trichromacy



Original Color
7636224

Protanomaly
8683520

Deuteranomaly
9337615

Tritanomaly
8027989

Monochromacy



Original Color
7636224

Achromatopsia
7434609

Achromatomaly
7501896

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7636224 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 #748500 looks like.

```
.text, #text, p{  
    color:#748500  
}
```

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 #748500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748500
}
```

Border

The CSS property to change the border of an element to Decimal 7636224 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
#748500 }
```

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

```
.border{ border-color:#748500 }
```

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

Here you see how a box with a 4 pixel #748500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748500; -webkit-box-shadow:4px 4px  
4px 4px #748500; box-shadow:4px 4px 4px  
4px #748500 }
```

Background

The CSS property to change the background color of an element to Decimal 7636224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748500 }
```

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

```
.background{ background-color:#748500 }
```

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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