

Converting Colors

Decimal(7567360)

Have a look what the booklet for
Decimal(7567360) contains.

Decimal(7567360)	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(7567360)

Conversions

Conversions Part 1

Format	Color
Hex	737800
RGB	115, 120, 0
RGB Percent	45%, 47%, 0%
CMY	0.5490, 0.5294, 1.0000
CMYK	0.04, 0.00, 1.00, 0.53
HSL	62°, 100%, 24%
HSV	62°, 100%, 47%
XYZ	13.7867, 17.0778, 2.5697
YIQ	104.8250, 35.5400, -38.3800

Conversions

Conversions Part 2

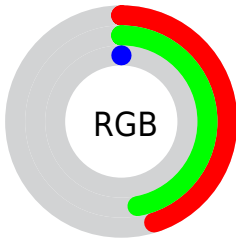
Format	Color
RYB	0, 120, 5
Decimal	7567360
CIELab	48.36, -14.69, 53.59
CIELCh	48, 55.572, 105.332
Yxy	17.0778, 0.4124, 0.5108
Android (android.graphics.Color)	4285757440 (0xFF737800)
YUV	104.8250, -51.6787, 8.9235
Hunter-Lab	41.3253, -12.7691, 25.2409

Details

The Decimal color **7567360** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **327800**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **11185216**, and **4147200** is the 20% darker color. If you saturate the color by 10%, you get **7567360**, and if you desaturate by 10%, it is **7632908**.

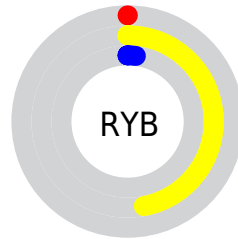
Distribution



Red (45%)

Green (47%)

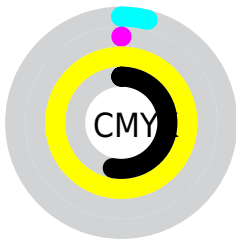
Blue (0%)



Red (0%)

Yellow (47%)

Blue (2%)

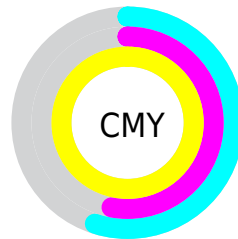


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7567360 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 7567360 by changing the saturation by 10% instead.

 7567360

 7567360

16777215

 5791488

 11185216

 4147200

 13092698

 2437376

 15000437

 597248

 16777103

 0

 16777131

 16777159

 16777188

 7567360

 7632908

 7632920

 7698468

 7698480

 7764028

 7764040

 7764052

 7829600

 7829612

Harmonies

Analogous

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



10315784



7567360



3899947

Triad

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



7567360



34485



12273548

Complementary

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



7567360



327800

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.



9657269



7567360



32718

Square

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



7567360



35210



4157646



13059165

Rectangle

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



7567360



34377



4157646



11619739

Sweetspot

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



7567360



10132589



7865344



5132083



13619151



5197647

Same Dimension

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



7567360



9804800



3700736



4013367



7896320



15924224

Inverse Universe

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



327800



393372



4194424



3618621



327805



721148

Previews

White Background



This preview shows how the Decimal color 7567360 looks on a white background.

Color Contrast Check

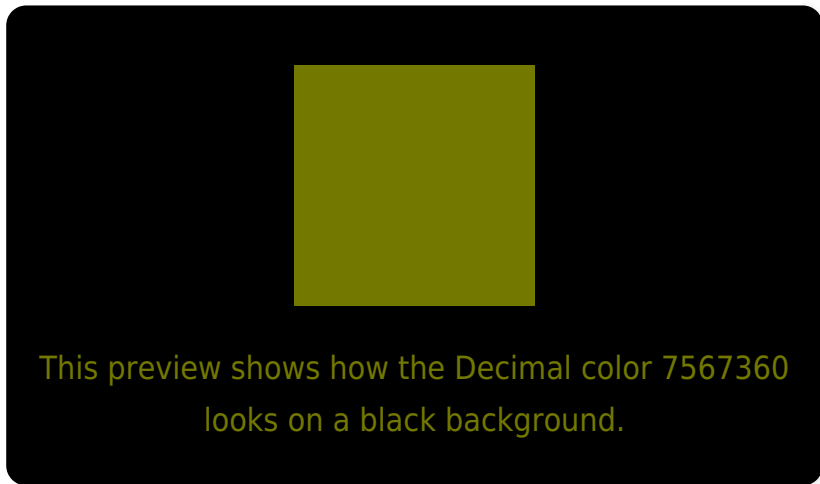
Large Text (above 18pt) WCAG AA ✓ Pass

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

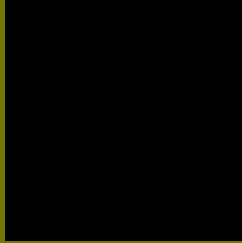
Any Text WCAG AA × Fail

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 7567360 Background



This preview shows how black text looks on a background with the Decimal color 7567360.



This preview shows how white text looks on a background with the Decimal color 7567360.

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
7567360

Protanopia
8549120

Deuteranopia
9530643



Tritanopia
8089720

Trichromacy



Original Color
7567360

Protanomaly
8221952

Deuteranomaly
8810764

Tritanomaly
7893836

Monochromacy



Original Color
7567360

Achromatopsia
6908265

Achromatomaly
7171651

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7567360 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 #737800 looks like.

```
.text, #text, p{  
    color:#737800  
}
```

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 #737800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737800
}
```

Border

The CSS property to change the border of an element to Decimal 7567360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

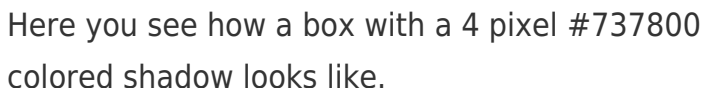
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#737800 }
```

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

```
.border{ border-color:#737800 }
```

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



Here you see how a box with a 4 pixel #737800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737800; -webkit-box-shadow:4px 4px  
4px 4px #737800; box-shadow:4px 4px 4px  
4px #737800 }
```

Background

The CSS property to change the background color of an element to Decimal 7567360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737800 }
```

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

```
.background{ background-color:#737800 }
```

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