

# Converting Colors

Decimal(7563584)

Have a look what the booklet for  
Decimal(7563584) contains.

|                                                |    |
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**Color**

**Decimal(7563584)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 736940                      |
| RGB         | 115, 105, 64                |
| RGB Percent | 45%, 41%, 25%               |
| CMY         | 0.5490, 0.5882, 0.7490      |
| CMYK        | 0.00, 0.09, 0.44, 0.55      |
| HSL         | 48°, 28%, 35%               |
| HSV         | 48°, 44%, 45%               |
| XYZ         | 13.0472, 14.1182, 6.8879    |
| YIQ         | 103.3160, 19.1210, -10.6310 |

# Conversions

## Conversions Part 2

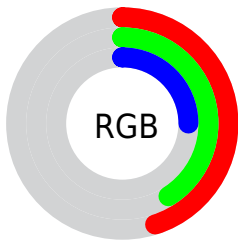
| Format                              | Color                                           |
|-------------------------------------|-------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">76, 115, 64</a>                     |
| Decimal                             | <a href="#">7563584</a>                         |
| CIELab                              | <a href="#">44.40, -2.43, 24.45</a>             |
| CIElCh                              | <a href="#">44, 24.571, 95.667</a>              |
| Yxy                                 | <a href="#">14.1182, 0.3831,<br/>0.4146</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4285753664<br/>(0xFF736940)</a>     |
| YUV                                 | <a href="#">103.3160, -19.3828,<br/>10.2469</a> |
| Hunter-Lab                          | <a href="#">37.5741, -3.7725,<br/>15.4331</a>   |

# Details

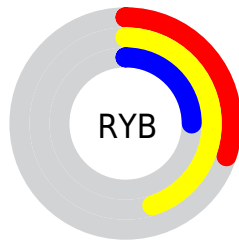
The Decimal color **7563584** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4213363**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **11050096**, and **4274708** is the 20% darker color. If you saturate the color by 10%, you get **7563061**, and if you desaturate by 10%, it is **7564108**.

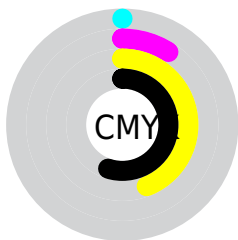
# Distribution



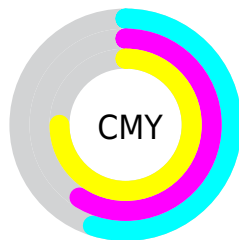
- Red (45%)
- Green (41%)
- Blue (25%)



- Red (30%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7563584 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 7563584 by changing the saturation by 10% instead.





7563584



7563584

16777215



5919017



11050096



4274708



12892042



2827520



14733989



1118208



16641984



0



16777180



16777208



7563584



7563584



7563061



7564108

■ 7562281

■ 7564887

■ 7561757

■ 7565410

■ 7561234

■ 7565934

■ 7560710

■ 7566458

■ 7560192

■ 7567237

■ 7567761

■ 7568284

■ 7568808

# Harmonies

## Analogous

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



8741444



7563584



6123335

# Triad

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



7563584



1930112



8805498

# Complementary

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



7563584



4213363

# 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.



7430794



7563584



3305614

# Square

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



7563584



2847852



5466769



9460070

# Rectangle

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



7563584



5075537



5466769



8412800



# Sweetspot

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



7563584



9868163



7553098



5065280



13421772



5066061



# Same Dimension

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



7563584



9865031



6583104



3881525



8020480



16435456



# Inverse Universe

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



4213363



4675222



5193843



3487291



6266



12794



# Previews

## White Background



This preview shows how the Decimal color 7563584 looks on a white background.

## Color Contrast Check

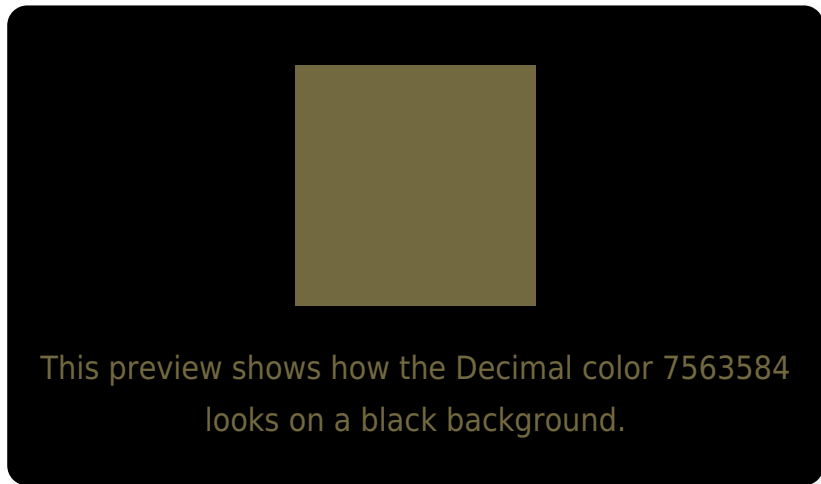
Large Text (above 18pt) WCAG AA ✓ Pass

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

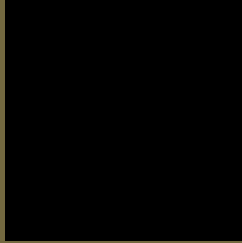
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7563584 Background



This preview shows how black text looks on a background with the Decimal color 7563584.



This preview shows how white text looks on a background with the Decimal color 7563584.

# 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**  
7563584

**Protanopia**  
7563584

**Deuteranopia**  
8348737



**Tritanopia**  
7890028

# Trichromacy



**Original Color**  
7563584

**Protanomaly**  
7563584

**Deuteranomaly**  
8087105

**Tritanomaly**  
7759452

# Monochromacy



**Original Color**  
7563584

**Achromatopsia**  
6776679

**Achromatomaly**  
7039065

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7563584 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 #736940 looks like.

```
.text, #text, p{  
  color:#736940  
}
```

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 #736940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736940
}
```

## Border

The CSS property to change the border of an element to Decimal 7563584 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
#736940 }
```

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

```
.border{ border-color:#736940 }
```

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

Here you see how a box with a 4 pixel #736940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736940; -webkit-box-shadow:4px 4px  
4px 4px #736940; box-shadow:4px 4px 4px  
4px #736940 }
```

# Background

The CSS property to change the background color of an element to Decimal 7563584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736940 }
```

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

```
.background{ background-color:#736940 }
```

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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