

# Converting Colors

Decimal(7501588)

Have a look what the booklet for  
Decimal(7501588) contains.

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**Color**

**Decimal(7501588)**

# Conversions

## Conversions Part 1

Format	Color
Hex	727714
RGB	114, 119, 20
RGB Percent	45%, 47%, 8%
CMY	0.5529, 0.5333, 0.9216
CMYK	0.04, 0.00, 0.83, 0.53
HSL	63°, 71%, 27%
HSV	63°, 83%, 47%
XYZ	13.6625, 16.8216, 3.1886
YIQ	106.2190, 28.7990, -31.8490

# Conversions

## Conversions Part 2

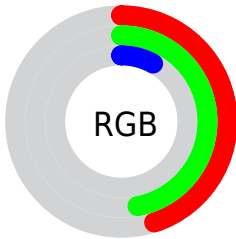
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 119, 25
Decimal	7501588
CIE Lab	48.03, -14.09, 48.76
CIE LCh	48, 50.753, 106.120
Yxy	16.8216, 0.4057, 0.4996
Android (android.graphics.Color)	4285691668 (0xFF727714)
YUV	106.2190, -42.5060, 6.8239
Hunter-Lab	41.0141, -12.3132, 24.1004

# Details

The Decimal color **7501588** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1643639**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **11119434**, and **4146944** is the 20% darker color. If you saturate the color by 10%, you get **7436040**, and if you desaturate by 10%, it is **7567136**.

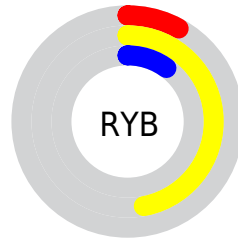
# Distribution



Red (45%)

Green (47%)

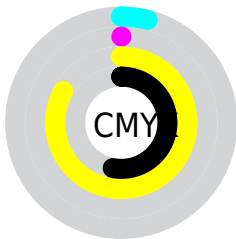
Blue (8%)



Red (8%)

Yellow (47%)

Blue (10%)

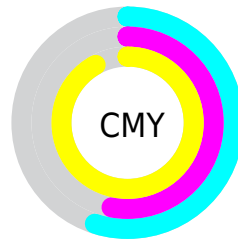


Cyan (4%)

Magenta (0%)

Yellow (83%)

Black (53%)



Cyan (55%)

Magenta (53%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7501588 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 7501588 by changing the saturation by 10% instead.





7501588



7501588

16777215



5791232



11119434



4146944



12961380



2437376



14869118



531456



16777113



0



16777140



16777168



16777197



7501588



7501588

■ 7436040

■ 7567136

■ 7436032

■ 7567148

■ 7632696

■ 7632708

■ 7698255

■ 7763803

■ 7763815

■ 7829363

■ 7829375

# Harmonies

## Analogous

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



9988375



7501588



4227123

# Triad

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



7501588



33967



11881608

# Complementary

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



7501588



1643639

# 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.



9526446



7501588



31941

# Square

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



7501588



34441



4878277



12601949

# Rectangle

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



7501588



33869



4878277



11293078



# Sweetspot

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



7501588



10132597



7805204



5132087



13619151



5197647



# Same Dimension

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



7501588



9739264



4290324



3816245



7633408



15596032



# Inverse Universe

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



1643639



524444



4854903



3487035



393338



852218



# Previews

## White Background



This preview shows how the Decimal color 7501588 looks on a white background.

## Color Contrast Check

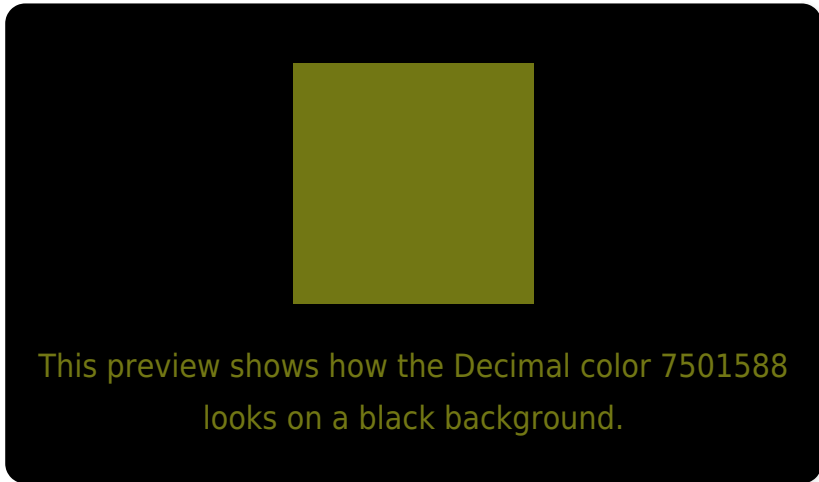
Large Text (above 18pt) WCAG AA ✓ Pass

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

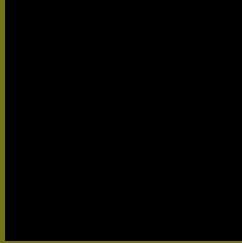
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7501588 Background



This preview shows how black text looks on a background with the Decimal color 7501588.



This preview shows how white text looks on a background with the Decimal color 7501588.

# 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**  
7501588

**Protanopia**  
8417811

**Deuteranopia**  
9399323



**Tritanopia**  
8023927

# Trichromacy



**Original Color**  
7501588

**Protanomaly**  
8090643

**Deuteranomaly**  
8679448

**Tritanomaly**  
7828051

# Monochromacy



**Original Color**  
7501588

**Achromatopsia**  
6974058

**Achromatomaly**  
7171915

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7501588 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 #727714 looks like.

```
.text, #text, p{  
    color:#727714  
}
```

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 #727714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #727714
}
```

## Border

The CSS property to change the border of an element to Decimal 7501588 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
#727714 }
```

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

```
.border{ border-color:#727714 }
```

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

Here you see how a box with a 4 pixel #727714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #727714; -webkit-box-shadow:4px 4px  
4px 4px #727714; box-shadow:4px 4px 4px  
4px #727714 }
```

# Background

The CSS property to change the background color of an element to Decimal 7501588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#727714 }
```

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

```
.background{ background-color:#727714 }
```

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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