

Converting Colors

Decimal(7637187)

Have a look what the booklet for
Decimal(7637187) contains.

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Color

Decimal(7637187)

Conversions

Conversions Part 1

Format	Color
Hex	7488C3
RGB	116, 136, 195
RGB Percent	45%, 53%, 76%
CMY	0.5451, 0.4667, 0.2353
CMYK	0.41, 0.30, 0.00, 0.24
HSL	225°, 40%, 61%
HSV	225°, 41%, 76%
XYZ	25.8569, 25.2615, 55.1429
YIQ	136.7460, -30.8590, 14.1090

Conversions

Conversions Part 2

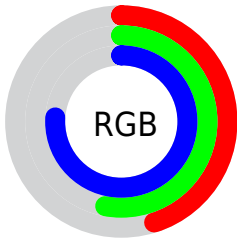
Format	Color
RYB	116, 132, 195
Decimal	7637187
CIELab	57.33, 7.90, -32.99
CIELCh	57, 33.923, 283.474
Yxy	25.2615, 0.2433, 0.2377
Android (android.graphics.Color)	4285827267 (0xFF7488C3)
YUV	136.7460, 28.7192, -18.1942
Hunter-Lab	50.2608, 3.8740, -29.8666

Details

The Decimal color **7637187** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **12824436**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **11255292**, and **4151181** is the 20% darker color. If you saturate the color by 10%, you get **6388163**, and if you desaturate by 10%, it is **8886211**.

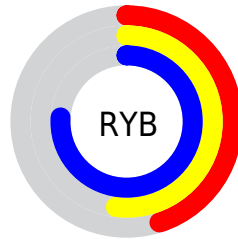
Distribution



Red (45%)

Green (53%)

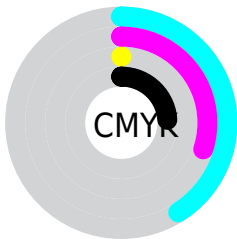
Blue (76%)



Red (45%)

Yellow (52%)

Blue (76%)

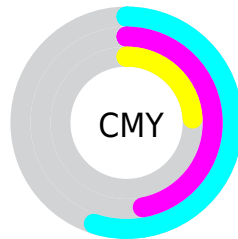


Cyan (41%)

Magenta (30%)

Yellow (0%)

Black (24%)



Cyan (55%)

Magenta (47%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7637187 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 7637187 by changing the saturation by 10% instead.

■ 7637187

■ 7637187

16777215

■ 5861288

■ 11255292

■ 4151181

■ 13097471

■ 2310003

■ 15005183

■ 10842

■ 5699

■ 812

■ 278

■ 0

■ 7637187

■ 7637187

■ 6388163

■ 8886211

■ 5073859

■ 10200515

■ 3824835

■ 11515075

■ 2510531

■ 12763843

■ 1195971

■ 14078403

■ 12739

■ 15327171

■ 16641731

■ 16776643

■ 16777155

Harmonies

Analogous

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



4100546



7637187



10386869

Triad

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



7637187



12417122



4757624

Complementary

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



7637187



12824436

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.



7312478



7637187



11240017

Square

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



7637187



12809085



9473103



1218966

Rectangle

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



7637187



11696037



9473103



5674862

Sweetspot

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



7637187



14608124



7652270



7238272



0



8421504

Same Dimension

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



7637187



8495356



8811715



5724769



10657



2081

Inverse Universe

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



12809352



16548256



11649908



6379354



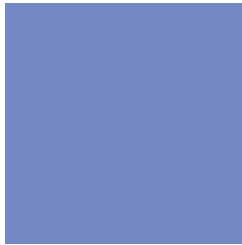
10551337



2162696

Previews

White Background



This preview shows how the Decimal color 7637187 looks on a white background.

Color Contrast Check

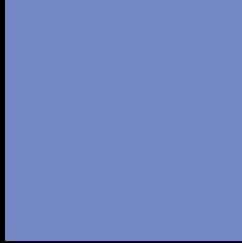
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7637187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

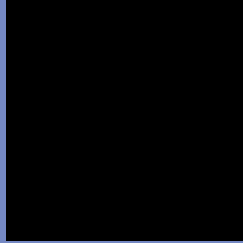
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

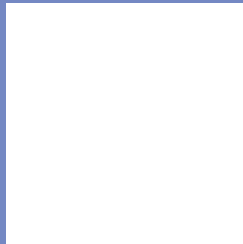
Any Text WCAG AAA × Fail

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

Decimal 7637187 Background



This preview shows how black text looks on a background with the Decimal color 7637187.

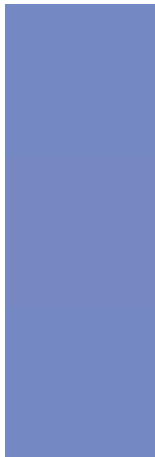


This preview shows how white text looks on a background with the Decimal color 7637187.

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
7637187

Protanopia
7833538

Deuteranopia
7637187

Trichromacy



Original Color
7637187

Protanomaly
7768002

Deuteranomaly
7637187

Tritanomaly
7245226

Monochromacy



Original Color
7637187

Achromatopsia
9013641

Achromatomaly
8489374

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7637187 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 #7488C3 looks like.

```
.text, #text, p{  
  color:#7488C3  
}
```

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 #7488C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7488C3  
}
```

Border

The CSS property to change the border of an element to Decimal 7637187 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  
#7488C3 }
```

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

```
.border{ border-color:#7488C3 }
```

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

Here you see how a box with a 4 pixel #7488C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7488C3; -webkit-box-shadow:4px 4px  
4px 4px #7488C3; box-shadow:4px 4px 4px  
4px #7488C3 }
```

Background

The CSS property to change the background color of an element to Decimal 7637187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7488C3 }
```

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

```
.background{ background-color:#7488C3 }
```

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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