

Converting Colors

Decimal(7563187)

Have a look what the booklet for
Decimal(7563187) contains.

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Color

Decimal(7563187)

Conversions

Conversions Part 1

Format	Color
Hex	7367B3
RGB	115, 103, 179
RGB Percent	45%, 40%, 70%
CMY	0.5490, 0.5961, 0.2980
CMYK	0.36, 0.42, 0.00, 0.30
HSL	249°, 33%, 55%
HSV	249°, 42%, 70%
XYZ	20.0572, 16.6000, 44.7948
YIQ	115.2520, -17.2440, 26.1800

Conversions

Conversions Part 2

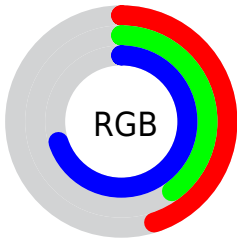
Format	Color
R_{YB}	115, 103, 179
Decimal	7563187
CIE _{Lab}	47.75, 22.88, -38.83
CIE _{LCh}	48, 45.073, 300.513
Yxy	16.6000, 0.2462, 0.2038
Android (android.graphics.Color)	4285753267 (0xFF7367B3)
YUV	115.2520, 31.4278, -0.2210
Hunter-Lab	40.7431, 16.5722, -36.6659

Details

The Decimal color **7563187** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **10990439**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **11115243**, and **4143230** is the 20% darker color. If you saturate the color by 10%, you get **6575539**, and if you desaturate by 10%, it is **8550835**.

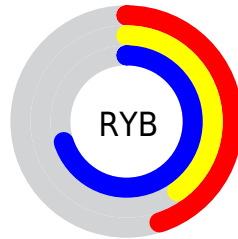
Distribution



Red (45%)

Green (40%)

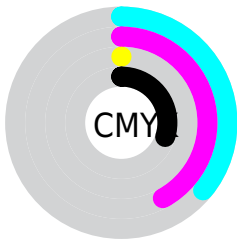
Blue (70%)



Red (45%)

Yellow (40%)

Blue (70%)

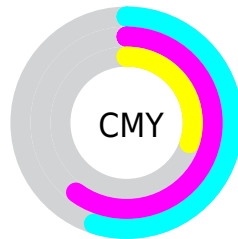


Cyan (36%)

Magenta (42%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (60%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7563187 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 7563187 by changing the saturation by 10% instead.

■ 7563187

■ 7563187

16777215

■ 5853080

■ 11115243

■ 4143230

■ 12957183

■ 2368100

■ 14864895

■ 200268

■ 16772607

■ 53

■ 543

■ 1

■ 0

■ 7563187

■ 7563187

■ 6575539

■ 8550835

■ 5587891

■ 9538483

■ 4600243

■ 10526131

■ 3612595

■ 11513779

■ 2625203

■ 12501427

■ 1835187

■ 13488819

■ 14542003

■ 15529651

■ 16514995

Harmonies

Analogous

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



1144253



7563187



10508183

Triad

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



7563187



10707247



33905

Complementary

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



7563187



10990439

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.



2654538



7563187



8744992

Square

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



7563187



11883597



6257195



33687

Rectangle

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



7563187



11620479



6257195



33636

Sweetspot

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



7563187



13617896



6793395



6644597



16119285



7697781

Same Dimension

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



7563187



8680168



9988019



5394521



1573017



262170

Inverse Universe

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



11757479



15233749



8565607



5853272



10027137



1703957

Previews

White Background



This preview shows how the Decimal color 7563187 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



This preview shows how the Decimal color 7563187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

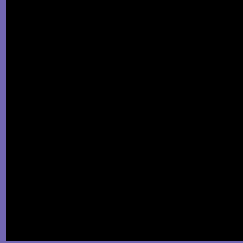
Any Text WCAG AA × Fail

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 7563187 Background



This preview shows how black text looks on a background with the Decimal color 7563187.



This preview shows how white text looks on a background with the Decimal color 7563187.

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](#).

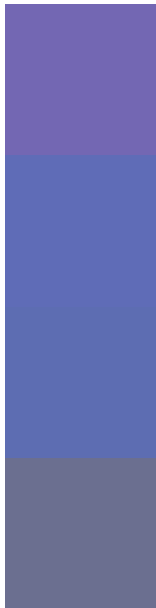
Dichromacy





Tritanopia
6779772

Trichromacy



Original Color
7563187

Protanomaly
6253751

Deuteranomaly
6122930

Tritanomaly
7040912

Monochromacy



Original Color
7563187

Achromatopsia
7566195

Achromatomaly
7565194

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7563187 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 #7367B3 looks like.

```
.text, #text, p{  
    color:#7367B3  
}
```

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 #7367B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7367B3
}
```

Border

The CSS property to change the border of an element to Decimal 7563187 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
#7367B3 }
```

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

```
.border{ border-color:#7367B3 }
```

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

Here you see how a box with a 4 pixel #7367B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7367B3; -webkit-box-shadow:4px 4px  
4px 4px #7367B3; box-shadow:4px 4px 4px  
4px #7367B3 }
```

Background

The CSS property to change the background color of an element to Decimal 7563187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7367B3 }
```

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

```
.background{ background-color:#7367B3 }
```

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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