

Converting Colors

Decimal(6503771)

Have a look what the booklet for
Decimal(6503771) contains.

Decimal(6503771)	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(6503771)

Conversions

Conversions Part 1

Format	Color
Hex	633D5B
RGB	99, 61, 91
RGB Percent	39%, 24%, 36%
CMY	0.6118, 0.7608, 0.6431
CMYK	0.00, 0.38, 0.08, 0.61
HSL	313°, 24%, 31%
HSV	313°, 38%, 39%
XYZ	8.7027, 6.7455, 10.7409
YIQ	75.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

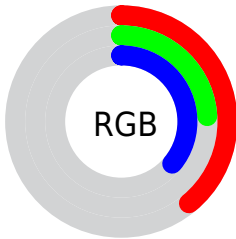
Format	Color
RYB	99, 61, 91
Decimal	6503771
CIELab	31.22, 21.82, -11.00
CIElCh	31, 24.437, 333.257
Yxy	6.7455, 0.3323, 0.2576
Android (android.graphics.Color)	4284693851 (0xFF633D5B)
YUV	75.7820, 7.5025, 20.3622
Hunter-Lab	25.9720, 14.3604, -6.3392

Details

The Decimal color **6503771** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4023109**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **9923981**, and **3346733** is the 20% darker color. If you saturate the color by 10%, you get **6501209**, and if you desaturate by 10%, it is **6506333**.

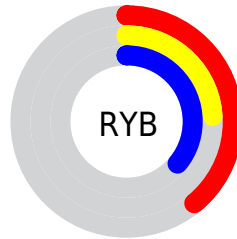
Distribution



 Red (39%)

 Green (24%)

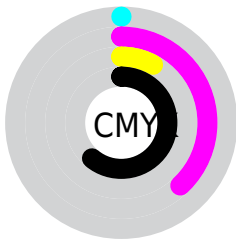
 Blue (36%)



 Red (39%)

 Yellow (24%)

 Blue (36%)

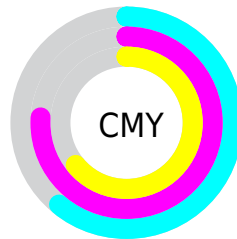



 Cyan (0%)

 Magenta (38%)

 Yellow (8%)

 Black (61%)



 Cyan (61%)

 Magenta (76%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6503771 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 6503771 by changing the saturation by 10% instead.

6503771

6503771

16777215

4924995

9923981

3346733

11700136

2097177

13476291

0

15383775

16767227

16774655

6503771

6503771

6501209

6506333

6498647

6508895

6496085

6511457

6493523

6514019

6491217

6516581

6488654

6518888

6488142

6521450

6524012

6526574

Harmonies

Analogous

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



5129321



6503771



7158344

Triad

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



6503771



5458211



21342

Complementary

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



6503771



4023109

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.



21323



6503771



4148777

Square

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



6503771



6505000



2576952



20587

Rectangle

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



6503771



7224123



2576952



21336

Sweetspot

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



6503771



8417404



4537699



4208446



12566463



4210752

Same Dimension

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



6503771



8406387



6503752



3157039



7340121



15728829

Inverse Universe

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



6503771



8406387



4023128



3157039



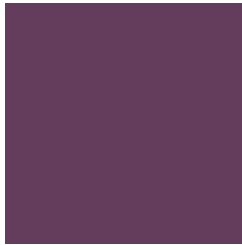
7340121



15728829

Previews

White Background



This preview shows how the Decimal color 6503771 looks on a white background.

Color Contrast Check

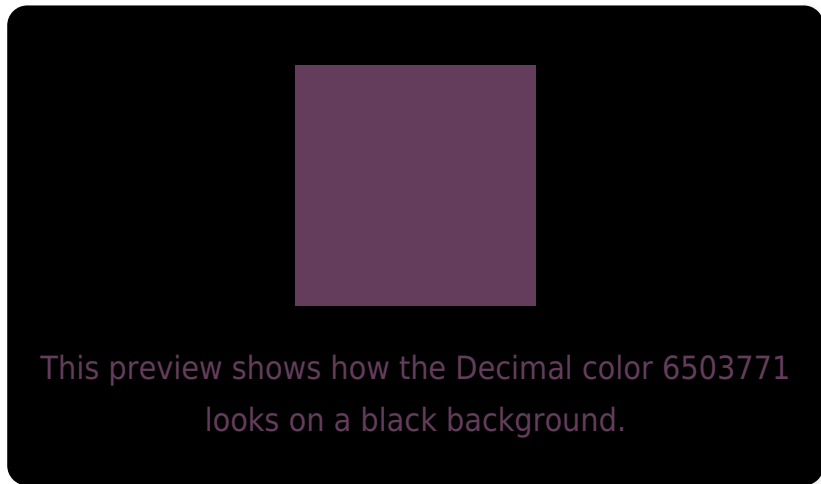
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

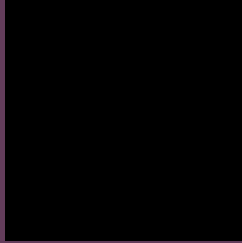
Any Text WCAG AA × Fail

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 6503771 Background



This preview shows how black text looks on a background with the Decimal color 6503771.



This preview shows how white text looks on a background with the Decimal color 6503771.

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
6503771

Protanopia
4344164

Deuteranopia
4868185



Tritanopia
6308166

Trichromacy



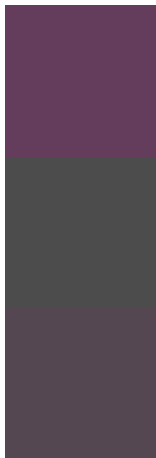
Original Color
6503771

Protanomaly
5129569

Deuteranomaly
5456986

Tritanomaly
6373454

Monochromacy



Original Color
6503771

Achromatopsia
5000268

Achromatomaly
5523281

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6503771 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 #633D5B looks like.

```
.text, #text, p{  
    color:#633D5B  
}
```

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 #633D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #633D5B
}
```

Border

The CSS property to change the border of an element to Decimal 6503771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

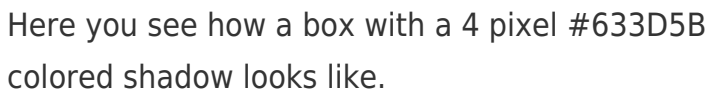
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#633D5B }
```

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

```
.border{ border-color:#633D5B }
```

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



Here you see how a box with a 4 pixel #633D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #633D5B; -webkit-box-shadow:4px 4px  
4px 4px #633D5B; box-shadow:4px 4px 4px  
4px #633D5B }
```

Background

The CSS property to change the background color of an element to Decimal 6503771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#633D5B }
```

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

```
.background{ background-color:#633D5B }
```

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