

Converting Colors

Decimal(6631753)

Have a look what the booklet for
Decimal(6631753) contains.

Decimal(6631753)	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(6631753)

Conversions

Conversions Part 1

Format	Color
Hex	653149
RGB	101, 49, 73
RGB Percent	40%, 19%, 29%
CMY	0.6039, 0.8078, 0.7137
CMYK	0.00, 0.51, 0.28, 0.60
HSL	332°, 35%, 29%
HSV	332°, 51%, 40%
XYZ	7.6677, 5.4444, 6.9501
YIQ	67.2840, 23.2880, 18.4880

Conversions

Conversions Part 2

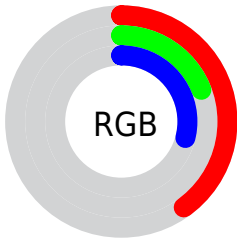
Format	Color
R_{YB}	101, 49, 73
Decimal	6631753
CIE _{Lab}	27.97, 26.54, -4.13
CIE _{LCh}	28, 26.861, 351.161
Yxy	5.4444, 0.3822, 0.2714
Android (android.graphics.Color)	4284821833 (0xFF653149)
YUV	67.2840, 2.8180, 29.5689
Hunter-Lab	23.3332, 17.8256, -1.3270




Details

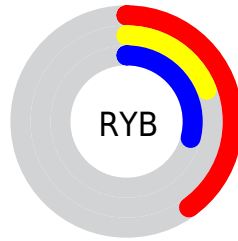
The Decimal color **6631753** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3237197**, and the grayscale version is **4408131**.




A 20% lighter version of the original color is **10117498**, and **3408669** is the 20% darker color. If you saturate the color by 10%, you get **6629188**, and if you desaturate by 10%, it is **6634318**.

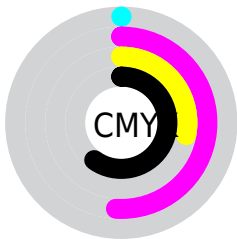
Distribution







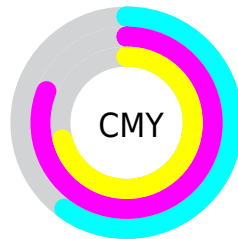
-  Red (40%)
-  Green (19%)
-  Blue (29%)






-  Red (40%)
-  Yellow (19%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (51%)
-  Yellow (28%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (81%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6631753 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 6631753 by changing the saturation by 10% instead.



6631753



6631753

16777215



4987443



10117498



3408669



11893395



2031618



13735086



0



15642569



16763877



16771071



6631753



6631753



6629188



6634318

6626622

6636884

6624057

6639449

6621491

6642015

6619183

6644836

6647402

6649967

6652533

6655098

Harmonies

Analogous

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



5584732



6631753



6893876

Triad

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



6631753



4211994



19042

Complementary

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



6631753



3237197

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.



19536



6631753



2574887

Square

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



6631753



5455640



19515



149099

Rectangle

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



6631753



6632744



19515



19293

Sweetspot

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



6631753



8548216



5058917



4339260



12763842



4342338

Same Dimension

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



6631753



8532311



6632241



3354160



7536693



15859824

Inverse Universe

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



6631753



8532311



3236709



3354160



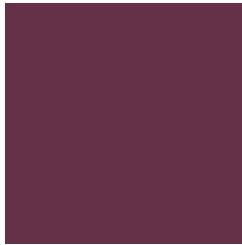
7536693



15859824

Previews

White Background



This preview shows how the Decimal color 6631753 looks on a white background.

Color Contrast Check

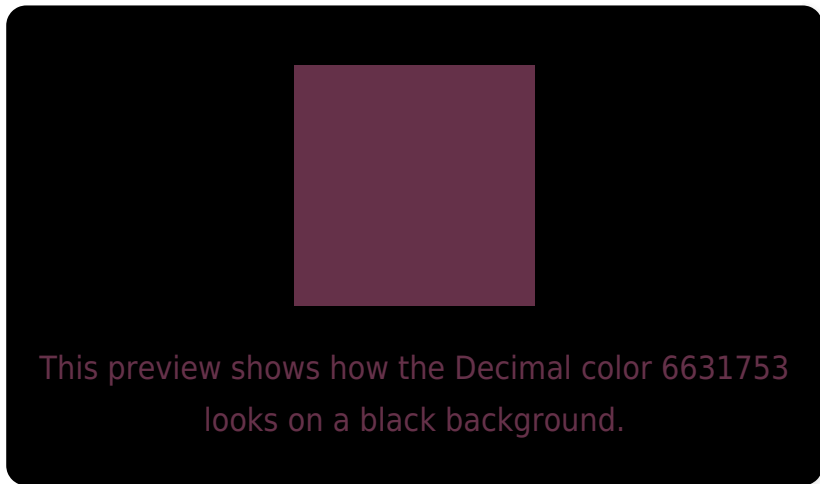
Large Text (above 18pt) WCAG AA ✓ Pass

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 6631753 Background



This preview shows how black text looks on a background with the Decimal color 6631753.



This preview shows how white text looks on a background with the Decimal color 6631753.

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
6631753

Protanopia
4080212

Deuteranopia
4669766



Tritanopia
6501432

Trichromacy



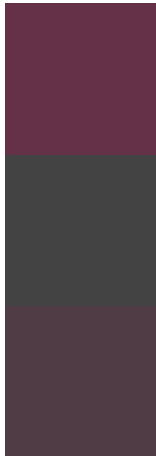
Original Color
6631753

Protanomaly
4996176

Deuteranomaly
5389127

Tritanomaly
6566718

Monochromacy



Original Color
6631753

Achromatopsia
4408131

Achromatomaly
5192773

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6631753 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 #653149 looks like.

```
.text, #text, p{  
    color:#653149  
}
```

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 #653149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653149
}
```

Border

The CSS property to change the border of an element to Decimal 6631753 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
#653149 }
```

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

```
.border{ border-color:#653149 }
```

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

Here you see how a box with a 4 pixel #653149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653149; -webkit-box-shadow:4px 4px  
4px 4px #653149; box-shadow:4px 4px 4px  
4px #653149 }
```

Background

The CSS property to change the background color of an element to Decimal 6631753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653149 }
```

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

```
.background{ background-color:#653149 }
```

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