

Converting Colors

Decimal(6633331)

Have a look what the booklet for
Decimal(6633331) contains.

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Color

Decimal(6633331)

Conversions

Conversions Part 1

Format	Color
Hex	653773
RGB	101, 55, 115
RGB Percent	40%, 22%, 45%
CMY	0.6039, 0.7843, 0.5490
CMYK	0.12, 0.52, 0.00, 0.55
HSL	286°, 35%, 33%
HSV	286°, 52%, 45%
XYZ	9.8275, 6.7369, 17.0020
YIQ	75.5940, 8.1560, 28.4120

Conversions

Conversions Part 2

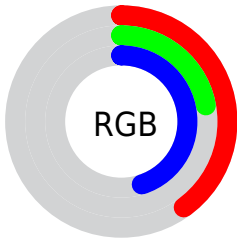
Format	Color
R_{YB}	101, 55, 115
Decimal	6633331
CIE _{Lab}	31.20, 31.23, -26.32
CIE _{LCh}	31, 40.840, 319.876
Yxy	6.7369, 0.2928, 0.2007
Android (android.graphics.Color)	4284823411 (0xFF653773)
YUV	75.5940, 19.4272, 22.2811
Hunter-Lab	25.9555, 22.1633, -20.6688

Details

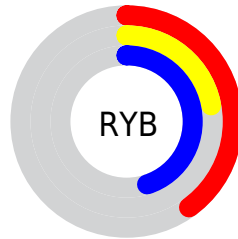
The Decimal color **6633331** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4551479**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **10053799**, and **3409986** is the 20% darker color. If you saturate the color by 10%, you get **6433907**, and if you desaturate by 10%, it is **6833011**.

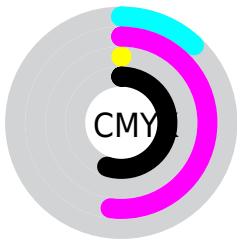
Distribution



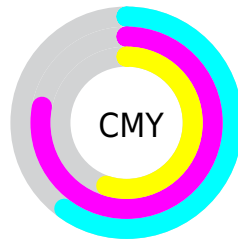
- Red (40%)
- Green (22%)
- Blue (45%)



- Red (40%)
- Yellow (22%)
- Blue (45%)



- Cyan (12%)
- Magenta (52%)
- Yellow (0%)
- Black (55%)



- Cyan (60%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6633331 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 6633331 by changing the saturation by 10% instead.



6633331



6633331

16777215



4989018



10053799



3409986



11895235



2162732



13737183



278



15579131



0



16765951



16773119



6633331



6633331



6433907



6833011

6299763

6966899

6100339

7166579

5900659

7366003

5767283

7500147

7699571

7899251

8033139

8232819

Harmonies

Analogous

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



3360390



6633331



8203094

Triad

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



6633331



6439937



22622

Complementary

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



6633331



4551479

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.



22589



6633331



4541954

Square

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



6633331



7878425



1791005



22138

Rectangle

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



6633331



8530240



1791005



22611

Sweetspot

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



6633331



9535126



3622259



4800077



13421772



5066061

Same Dimension

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



6633331



8403094



7550819



3749179



6160506



12583162

Inverse Universe

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



7550789



9844814



3633991



3880246



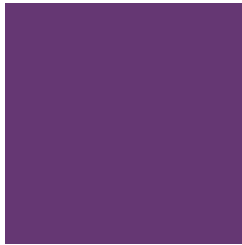
7995421



16384058

Previews

White Background



This preview shows how the Decimal color 6633331 looks on a white background.

Color Contrast Check

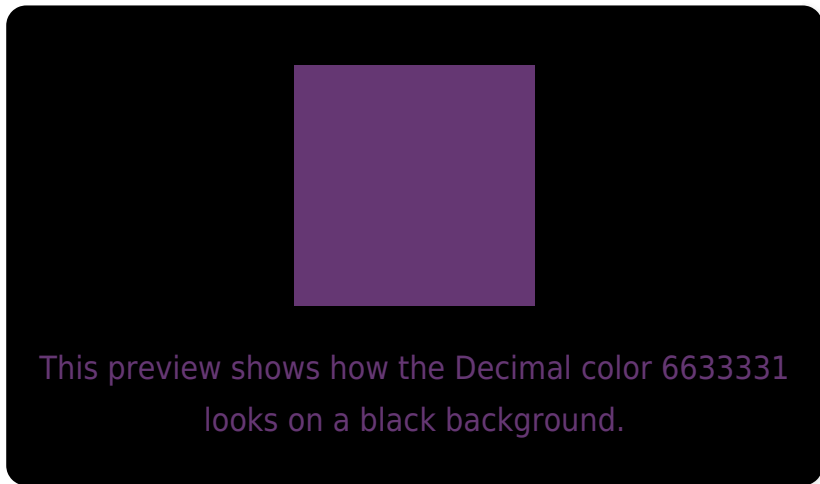
Large Text (above 18pt) WCAG AA ✓ Pass

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

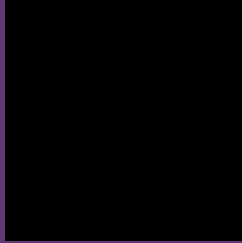
Any Text WCAG AA × Fail

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 6633331 Background



This preview shows how black text looks on a background with the Decimal color 6633331.



This preview shows how white text looks on a background with the Decimal color 6633331.

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
6242887

Trichromacy



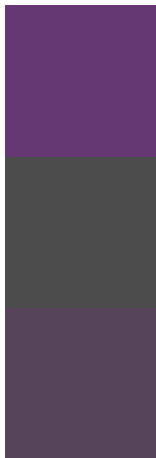
Original Color
6633331

Protanomaly
4407933

Deuteranomaly
4735856

Tritanomaly
6372951

Monochromacy



Original Color
6633331

Achromatopsia
5000268

Achromatomaly
5588058

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6633331 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 #653773 looks like.

```
.text, #text, p{  
    color:#653773  
}
```

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 #653773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653773
}
```

Border

The CSS property to change the border of an element to Decimal 6633331 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
#653773 }
```

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

```
.border{ border-color:#653773 }
```

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

Here you see how a box with a 4 pixel #653773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653773; -webkit-box-shadow:4px 4px  
4px 4px #653773; box-shadow:4px 4px 4px  
4px #653773 }
```

Background

The CSS property to change the background color of an element to Decimal 6633331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653773 }
```

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

```
.background{ background-color:#653773 }
```

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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