

Converting Colors

Decimal(6646663)

Have a look what the booklet for
Decimal(6646663) contains.

Decimal(6646663)	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(6646663)

Conversions

Conversions Part 1

Format	Color
Hex	656B87
RGB	101, 107, 135
RGB Percent	40%, 42%, 53%
CMY	0.6039, 0.5804, 0.4706
CMYK	0.25, 0.21, 0.00, 0.47
HSL	229°, 14%, 46%
HSV	229°, 25%, 53%
XYZ	14.9977, 15.0314, 25.0325
YIQ	108.3980, -12.5640, 7.4360

Conversions

Conversions Part 2

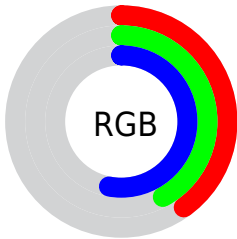
Format	Color
R_{YB}	101, 106, 135
Decimal	6646663
CIE _{Lab}	45.68, 4.34, -16.18
CIE _{LCh}	46, 16.753, 285.007
Yxy	15.0314, 0.2724, 0.2730
Android (android.graphics.Color)	4284836743 (0xFF656B87)
YUV	108.3980, 13.1148, -6.4880
Hunter-Lab	38.7703, 1.2020, -11.1422

Details

The Decimal color **6646663** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8880485**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10002108**, and **3488853** is the 20% darker color. If you saturate the color by 10%, you get **5791879**, and if you desaturate by 10%, it is **7501447**.

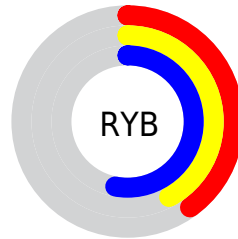
Distribution



Red (40%)

Green (42%)

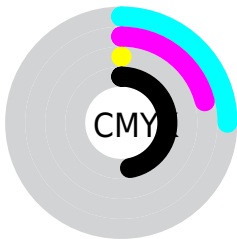
Blue (53%)



Red (40%)

Yellow (42%)

Blue (53%)

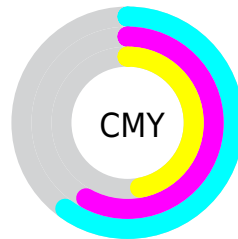


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (47%)



Cyan (60%)

Magenta (58%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6646663 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 6646663 by changing the saturation by 10% instead.



6646663



6646663

16777215



5067630



10002108



3488853



11778520



2041406



13620725



594472



15462911



275



0



6646663



6646663



5791879



7501447



4871559



8421767

■ 3951239

■ 9276551

■ 3096455

■ 10196871

■ 2175879

■ 11117447

■ 1321095

■ 11972231

■ 400775

■ 12892551

■ 6279

■ 13747335

■ 14667655

Harmonies

Analogous

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



5402759



6646663



7825024

Triad

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



6646663



8807769



5272676

Complementary

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



6646663



8880485

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.



6254936



6646663



8218961

Square

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



6646663



9003622



7302481



4617331

Rectangle

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



6646663



8414328



7302481



5600096

Sweetspot

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



6646663



10658992



6653825



5263961



14277081



5855577

Same Dimension

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



6646663



8094896



7366023



3947842



6018



3

Inverse Universe

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



8873323



11565956



8161125



4340797



8519703



196608

Previews

White Background



This preview shows how the Decimal color 6646663 looks on a white background.

Color Contrast Check

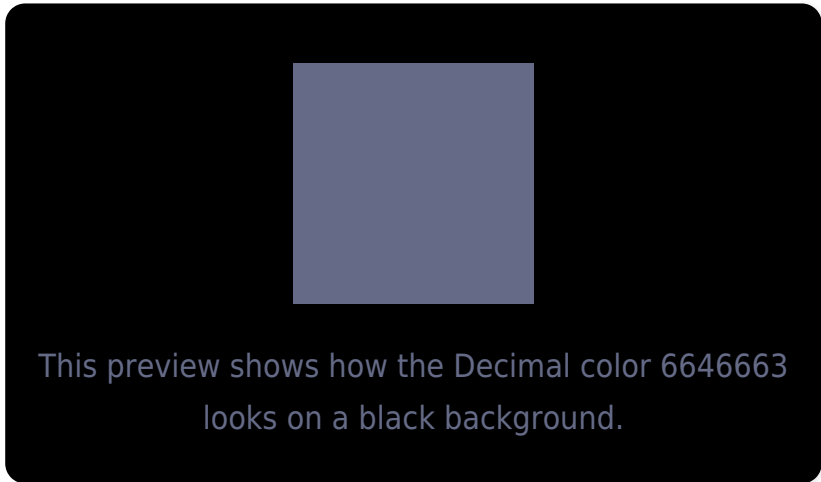
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

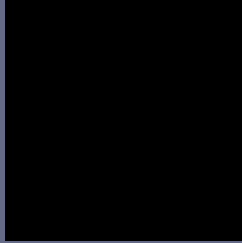
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

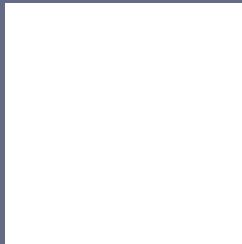
Any Text WCAG AAA × Fail

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

Decimal 6646663 Background



This preview shows how black text looks on a background with the Decimal color 6646663.



This preview shows how white text looks on a background with the Decimal color 6646663.

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
6646663

Protanopia
6646663

Deuteranopia
6908551



Tritanopia
6450807

Trichromacy



Original Color

6646663

Protanomaly

6646663

Deuteranomaly

6843015

Tritanomaly

6516093

Monochromacy



Original Color

6646663

Achromatopsia

7105644

Achromatomaly

6909046

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6646663 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 #656B87 looks like.

```
.text, #text, p{  
  color:#656B87  
}
```

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 #656B87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656B87
}
```

Border

The CSS property to change the border of an element to Decimal 6646663 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
#656B87 }
```

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

```
.border{ border-color:#656B87 }
```

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

Here you see how a box with a 4 pixel #656B87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656B87; -webkit-box-shadow:4px 4px  
4px 4px #656B87; box-shadow:4px 4px 4px  
4px #656B87 }
```

Background

The CSS property to change the background color of an element to Decimal 6646663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656B87 }
```

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

```
.background{ background-color:#656B87 }
```

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