

# Converting Colors

Decimal(6506622)

Have a look what the booklet for  
Decimal(6506622) contains.

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# Color

**Decimal(6506622)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63487E
RGB	99, 72, 126
RGB Percent	39%, 28%, 49%
CMY	0.6118, 0.7176, 0.5059
CMYK	0.21, 0.43, 0.00, 0.51
HSL	270°, 27%, 39%
HSV	270°, 43%, 49%
XYZ	11.2289, 8.7937, 20.8442
YIQ	86.2290, -1.2420, 22.5180

# Conversions

## Conversions Part 2

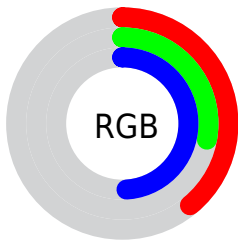
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 72, 126
Decimal	6506622
CIELab	35.58, 23.00, -26.33
CIELCh	36, 34.957, 311.133
Yxy	8.7937, 0.2748, 0.2152
Android (android.graphics.Color)	4284696702 (0xFF63487E)
YUV	86.2290, 19.6071, 11.2002
Hunter-Lab	29.6542, 15.6958, -20.9175

# Details

The Decimal color **6506622** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6520392**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **9927091**, and **3283789** is the 20% darker color. If you saturate the color by 10%, you get **6110078**, and if you desaturate by 10%, it is **6903166**.

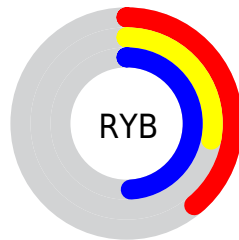
# Distribution



Red (39%)

Green (28%)

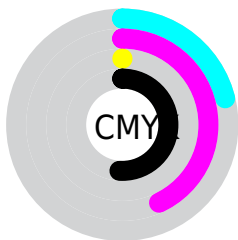
Blue (49%)



Red (39%)

Yellow (28%)

Blue (49%)

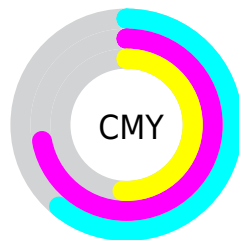


Cyan (21%)

Magenta (43%)

Yellow (0%)

Black (51%)



Cyan (61%)

Magenta (72%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6506622 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 6506622 by changing the saturation by 10% instead.



6506622

6506622

16777215

4862309

9927091

3283789

11703247

1836342

13545195

32

15387135

4

16770559

0

6506622

6506622

6110078

6903166

5648254

7364990

■ 5251710

■ 7761534

■ 4855422

■ 8157822

■ 4458878

■ 8619902

■ 4128894

■ 9016446

■ 9412734

■ 9809278

■ 10271102

# Harmonies

## Analogous

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



3429259



6506622



8273510

# Triad

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



6506622



7490589



25182

# Complementary

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



6506622



6520392

# 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.



24641



6506622



5854745

# Square

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



6506622



8536368



3890215



24696

# Rectangle

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



6506622



8797012



3890215



24916



# Sweetspot

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



6506622



10063523



4744062



4932946



13750737



5395026



# Same Dimension

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



6506622



8016035



8276094



4012352



4194432



0



# Inverse Universe

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



8276067



10702970



4750920



4208957



8388672



0



# Previews

## White Background



This preview shows how the Decimal color 6506622 looks on a white background.

## Color Contrast Check

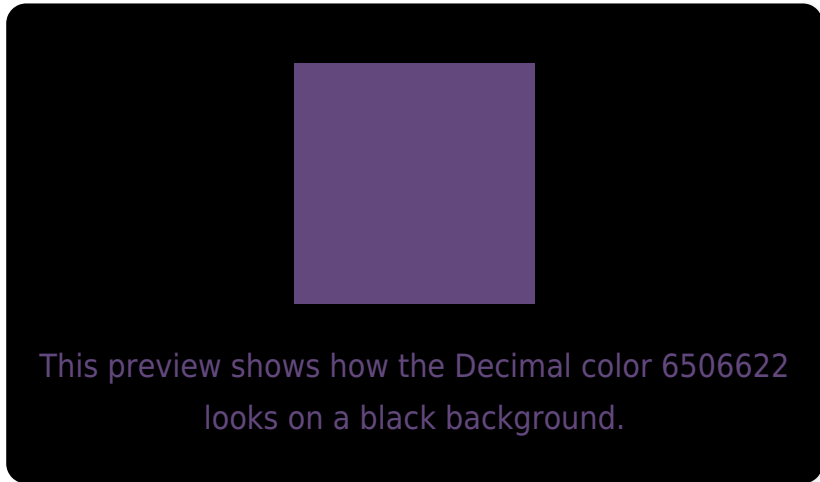
Large Text (above 18pt) WCAG AA ✓ Pass

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

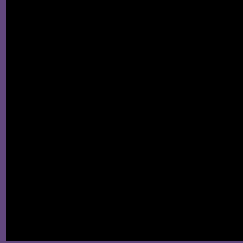
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6506622 Background



This preview shows how black text looks on a background with the Decimal color 6506622.

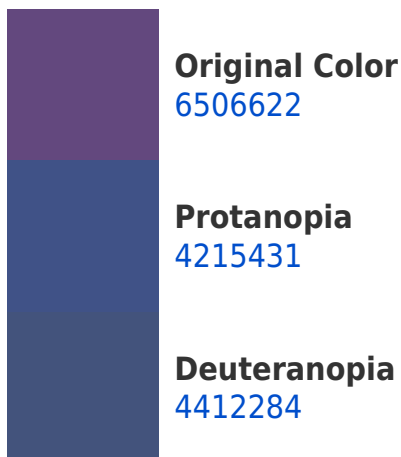


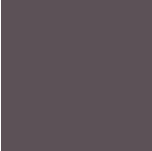
This preview shows how white text looks on a background with the Decimal color 6506622.

# 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**  
6050135

# Trichromacy



**Original Color**  
6506622

**Protanomaly**  
5066372

**Deuteranomaly**  
5197693

**Tritanomaly**  
6245989

# Monochromacy



**Original Color**  
6506622

**Achromatopsia**  
5658198

**Achromatomaly**  
5984613

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6506622 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 #63487E looks like.

```
.text, #text, p{  
    color:#63487E  
}
```

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 #63487E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63487E
}
```

## Border

The CSS property to change the border of an element to Decimal 6506622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

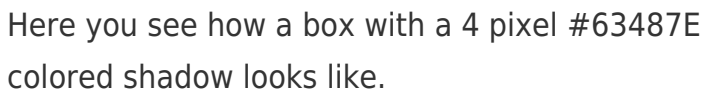
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63487E }
```

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

```
.border{ border-color:#63487E }
```

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



Here you see how a box with a 4 pixel #63487E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63487E; -webkit-box-shadow:4px 4px  
4px 4px #63487E; box-shadow:4px 4px 4px  
4px #63487E }
```

# Background

The CSS property to change the background color of an element to Decimal 6506622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63487E }
```

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

```
.background{ background-color:#63487E }
```

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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