

# Converting Colors

Decimal(6507206)

Have a look what the booklet for  
Decimal(6507206) contains.

<b>Decimal(6507206)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Decimal(6507206)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	634AC6
RGB	99, 74, 198
RGB Percent	39%, 29%, 78%
CMY	0.6118, 0.7098, 0.2235
CMYK	0.50, 0.63, 0.00, 0.22
HSL	252°, 52%, 53%
HSV	252°, 63%, 78%
XYZ	17.7874, 11.6274, 54.7329
YIQ	95.6110, -24.9040, 43.8640

# Conversions

## Conversions Part 2

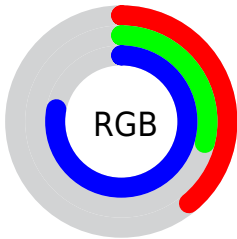
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 74, 198
Decimal	6507206
CIE Lab	40.62, 41.96, -61.41
CIE LCh	41, 74.370, 304.342
Yxy	11.6274, 0.2114, 0.1382
Android (android.graphics.Color)	4284697286 (0xFF634AC6)
YUV	95.6110, 50.4778, 2.9722
Hunter-Lab	34.0990, 33.4395, -71.2981

# Details

The Decimal color **6507206** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **11388490**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **10321151**, and **2300815** is the 20% darker color. If you saturate the color by 10%, you get **5453510**, and if you desaturate by 10%, it is **7560902**.

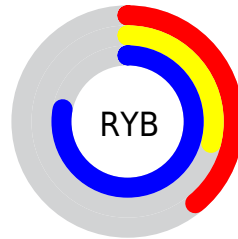
# Distribution



Red (39%)

Green (29%)

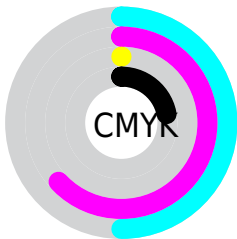
Blue (78%)



Red (39%)

Yellow (29%)

Blue (78%)

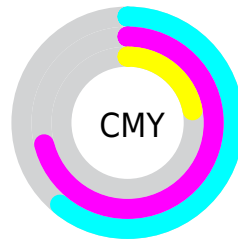


Cyan (50%)

Magenta (63%)

Yellow (0%)

Black (22%)



Cyan (61%)

Magenta (71%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6507206 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 6507206 by changing the saturation by 10% instead.



■ 6507206

■ 6507206

16777215

■ 4534954

■ 10321151

■ 2300815

■ 12228351

■ 1141

■ 14135807

■ 91

■ 16109055

■ 1603

■ 16771583

■ 812

■ 278

■ 0

■ 6507206

■ 6507206

■ 5453510

■ 7560902

■ 4399814

■ 8614598

■ 3411910

■ 9602502

■ 2621638

■ 10656198

■ 11709894

■ 12763590

■ 13817286

■ 14805190

■ 15858886

# Harmonies

## Analogous

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



26331



6507206



11278230

# Triad

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



6507206



10372864



30823

# Complementary

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



6507206



11388490

# 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.



29989



6507206



7233792

# Square

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



6507206



12392478



2649856



30884

# Rectangle

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



6507206



12648558



2649856



30546



# Sweetspot

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



6507206



14209023



4894150



6840960



0



8421504



# Same Dimension

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



6507206



6701311



10570438



6052451



2162851



458788



# Inverse Universe

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



12995245



16728280



7325258



6511201



10682498

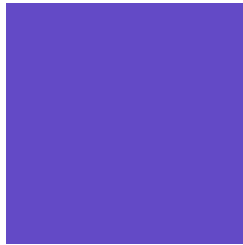


2359325



# Previews

## White Background



This preview shows how the Decimal color 6507206 looks on a white background.

## Color Contrast Check

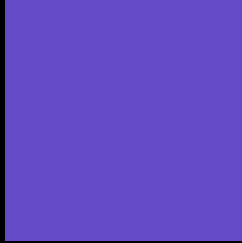
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6507206 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

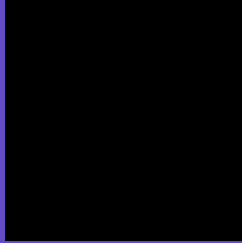
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6507206 Background



This preview shows how black text looks on a background with the Decimal color 6507206.

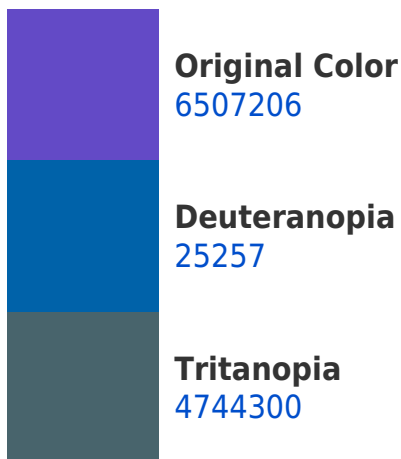


This preview shows how white text looks on a background with the Decimal color 6507206.

# 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



# Trichromacy



**Original Color**  
6507206

**Deuteranomaly**  
2382260

**Tritanomaly**  
5397389

# Monochromacy



**Original Color**  
6507206

**Achromatopsia**  
6316128

**Achromatomaly**  
6379653

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6507206 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 #634AC6 looks like.

```
.text, #text, p{  
    color:#634AC6  
}
```

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 #634AC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634AC6
}
```

## Border

The CSS property to change the border of an element to Decimal 6507206 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
#634AC6 }
```

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

```
.border{ border-color:#634AC6 }
```

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

Here you see how a box with a 4 pixel #634AC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634AC6; -webkit-box-shadow:4px 4px  
4px 4px #634AC6; box-shadow:4px 4px 4px  
4px #634AC6 }
```

# Background

The CSS property to change the background color of an element to Decimal 6507206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634AC6 }
```

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

```
.background{ background-color:#634AC6 }
```

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