

# Converting Colors

Decimal(6510227)

Have a look what the booklet for  
Decimal(6510227) contains.

<b>Decimal(6510227)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(6510227)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635693
RGB	99, 86, 147
RGB Percent	39%, 34%, 58%
CMY	0.6118, 0.6627, 0.4235
CMYK	0.33, 0.41, 0.00, 0.42
HSL	253°, 26%, 46%
HSV	253°, 41%, 58%
XYZ	13.7398, 11.4148, 29.0829
YIQ	96.8410, -11.8330, 21.7270

# Conversions

## Conversions Part 2

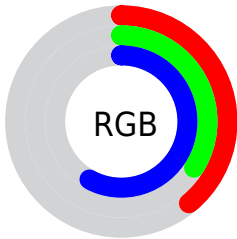
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 86, 147
Decimal	6510227
CIE <sub>Lab</sub>	40.27, 19.87, -31.78
CIE <sub>LCh</sub>	40, 37.482, 302.008
Yxy	11.4148, 0.2533, 0.2105
Android (android.graphics.Color)	4284700307 (0xFF635693)
YUV	96.8410, 24.7284, 1.8934
Hunter-Lab	33.7858, 13.4663, -27.3868

# Details

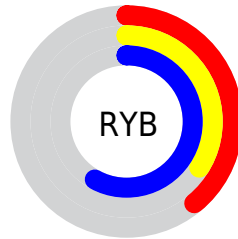
The Decimal color **6510227** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8819542**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **9930953**, and **3221856** is the 20% darker color. If you saturate the color by 10%, you get **5719955**, and if you desaturate by 10%, it is **7300499**.

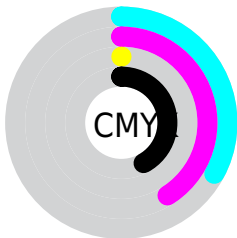
# Distribution



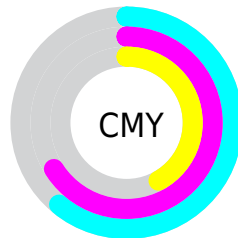
- Red (39%)
- Green (34%)
- Blue (58%)



- Red (39%)
- Yellow (34%)
- Blue (58%)



- Cyan (33%)
- Magenta (41%)
- Yellow (0%)
- Black (42%)



- Cyan (61%)
- Magenta (66%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6510227 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 6510227 by changing the saturation by 10% instead.





6510227



6510227

16777215



4865913



9930953



3221856



11772646



1578056



13614591



327729



15456767



283



16774911



0



6510227



6510227



5719955



7300499



4995475



8024979

■ 4205203

■ 8815251

■ 3480467

■ 9539987

■ 2690195

■ 10330003

■ 2031763

■ 11054739

■ 11845011

■ 12635283

■ 13359763

# Harmonies

## Analogous

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



2319004



6510227



8800892

# Triad

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



6510227



8868649



28256

# Complementary

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



6510227



8819542

# 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.



2321473



6510227



7233054

# Square

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



6510227



9783360



5203752



28030

# Rectangle

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



6510227



9651560



5203752



28245



# Sweetspot

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



6510227



11380927



5670803



5657441



14737632



6381921



# Same Dimension

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



6510227



7626943



8476307



4473674



1900682



131082



# Inverse Universe

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



9655942



12542123



6853462



4866888



9044076



655368



# Previews

## White Background



This preview shows how the Decimal color 6510227 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 6510227 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 6510227 Background



This preview shows how black text looks on a background with the Decimal color 6510227.

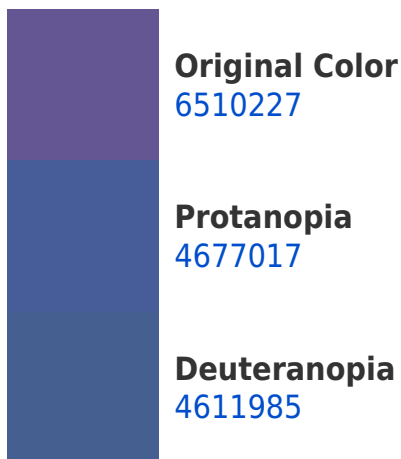



This preview shows how white text looks on a background with the Decimal color 6510227.

# 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**  
5922919

# Trichromacy



**Original Color**  
6510227

**Protanomaly**  
5331607

**Deuteranomaly**  
5332114

**Tritanomaly**  
6118519

# Monochromacy



**Original Color**  
6510227

**Achromatopsia**  
6381921

**Achromatomaly**  
6446451

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6510227 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 #635693 looks like.

```
.text, #text, p{  
    color:#635693  
}
```

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 #635693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635693
}
```

## Border

The CSS property to change the border of an element to Decimal 6510227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

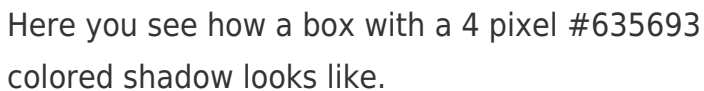
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635693 }
```

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

```
.border{ border-color:#635693 }
```

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



Here you see how a box with a 4 pixel #635693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635693; -webkit-box-shadow:4px 4px  
4px 4px #635693; box-shadow:4px 4px 4px  
4px #635693 }
```

# Background

The CSS property to change the background color of an element to Decimal 6510227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635693 }
```

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

```
.background{ background-color:#635693 }
```

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