

# Converting Colors

Decimal(6432125)

Have a look what the booklet for  
Decimal(6432125) contains.

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# Color

**Decimal(6432125)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62257D
RGB	98, 37, 125
RGB Percent	38%, 15%, 49%
CMY	0.6157, 0.8549, 0.5098
CMYK	0.22, 0.70, 0.00, 0.51
HSL	282°, 54%, 32%
HSV	282°, 70%, 49%
XYZ	9.4002, 5.4005, 19.9490
YIQ	65.2710, 8.1080, 40.3000

# Conversions

## Conversions Part 2

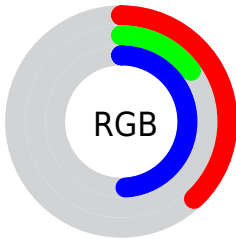
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 37, 125
Decimal	6432125
CIELab	27.85, 42.23, -38.00
CIElCh	28, 56.809, 318.023
Yxy	5.4005, 0.2705, 0.1554
Android (android.graphics.Color)	4284622205 (0xFF62257D)
YUV	65.2710, 29.4464, 28.7033
Hunter-Lab	23.2389, 31.5359, -34.6291

# Details

The Decimal color **6432125** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4226341**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **9918386**, and **3080267** is the 20% darker color. If you saturate the color by 10%, you get **6166653**, and if you desaturate by 10%, it is **6697341**.

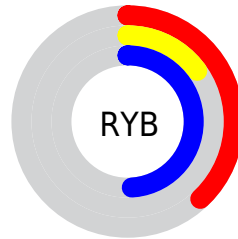
# Distribution



Red (38%)

Green (15%)

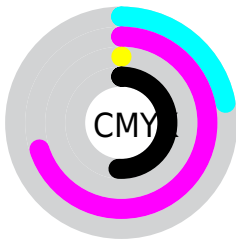
Blue (49%)



Red (38%)

Yellow (15%)

Blue (49%)

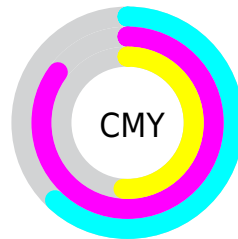


Cyan (22%)

Magenta (70%)

Yellow (0%)

Black (51%)



Cyan (62%)

Magenta (85%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6432125 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 6432125 by changing the saturation by 10% instead.





6432125



6432125

16777215



4720996



9918386



3080267



11760078



1638452



13601770



542



15509247



0



16761599



16768767



16776191



6432125



6432125

■ 6166653

■ 6697341

■ 5901437

■ 6962813

■ 5701757

■ 7228029

■ 7427965

■ 7693181

■ 7958653

■ 8224125

■ 8489341

■ 8754557

# Harmonies

## Analogous

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



16022



6432125



8650837

# Triad

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



6432125



6306304



21596

# Complementary

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



6432125



4226341

# 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.



21038



6432125



3753984

# Square

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



6432125



8134912



20224



21123

# Rectangle

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



6432125



9109560



20224



21325



# Sweetspot

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



6432125



10060195



2441597



4930898



13750737



5395026



# Same Dimension

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



6432125



7936675



8201581



4077888



5767296



0



# Inverse Universe

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



8201536



10689092



2456885



4208955



8388647

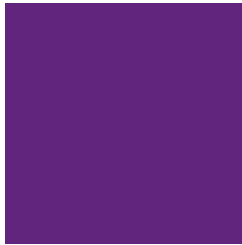


0



# Previews

## White Background



This preview shows how the Decimal color 6432125 looks on a white background.

## Color Contrast Check

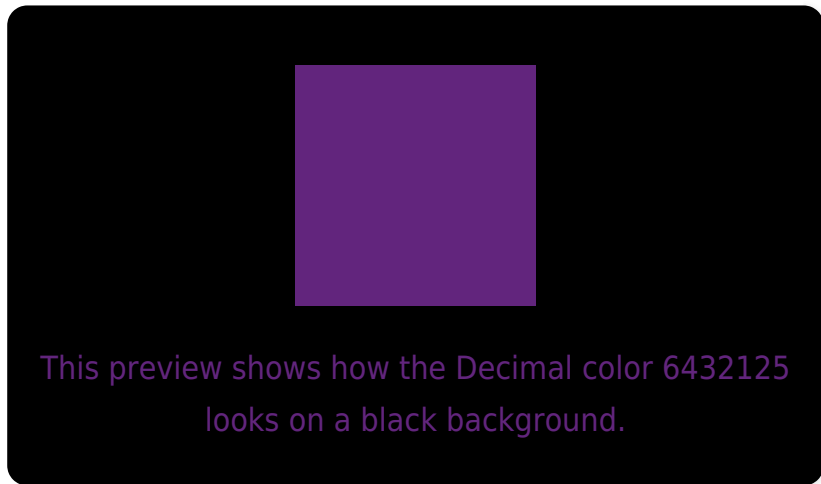
Large Text (above 18pt) WCAG AA ✓ Pass

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

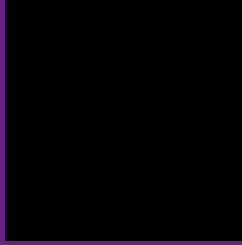
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6432125 Background



This preview shows how black text looks on a background with the Decimal color 6432125.



This preview shows how white text looks on a background with the Decimal color 6432125.

# 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**  
6432125

**Protanopia**  
16520

**Deuteranopia**  
935031



**Tritanopia**  
5782078

# Trichromacy



**Original Color**  
6432125



**Protanomaly**  
2373252



**Deuteranomaly**  
2963833



**Tritanomaly**  
6042197

# Monochromacy



**Original Color**  
6432125



**Achromatopsia**  
4276545



**Achromatomaly**  
5060439

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6432125 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 #62257D looks like.

```
.text, #text, p{  
    color:#62257D  
}
```

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 #62257D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62257D
}
```

## Border

The CSS property to change the border of an element to Decimal 6432125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

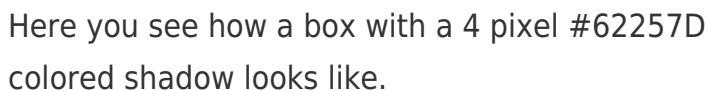
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62257D }
```

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

```
.border{ border-color:#62257D }
```

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



Here you see how a box with a 4 pixel #62257D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62257D; -webkit-box-shadow:4px 4px  
4px 4px #62257D; box-shadow:4px 4px 4px  
4px #62257D }
```

# Background

The CSS property to change the background color of an element to Decimal 6432125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62257D }
```

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

```
.background{ background-color:#62257D }
```

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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