

# Converting Colors

Decimal(6317226)

Have a look what the booklet for  
Decimal(6317226) contains.

<b>Decimal(6317226)</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> .....	29

# Color

**Decimal(6317226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6064AA
RGB	96, 100, 170
RGB Percent	38%, 39%, 67%
CMY	0.6235, 0.6078, 0.3333
CMYK	0.44, 0.41, 0.00, 0.33
HSL	237°, 30%, 52%
HSV	237°, 44%, 67%
XYZ	16.6367, 14.5034, 39.9528
YIQ	106.7840, -24.8540, 20.9220

# Conversions

## Conversions Part 2

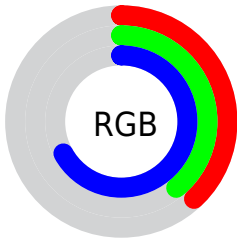
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 100, 170
Decimal	6317226
CIE Lab	44.95, 16.99, -38.10
CIE LCh	45, 41.720, 294.034
Yxy	14.5034, 0.2340, 0.2040
Android (android.graphics.Color)	4284507306 (0xFF6064AA)
YUV	106.7840, 31.1655, -9.4576
Hunter-Lab	38.0834, 11.3320, -35.5421

# Details

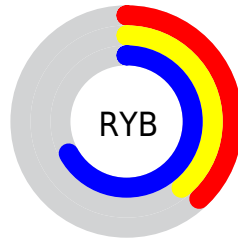
The Decimal color **6317226** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11183712**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **9869282**, and **2831989** is the 20% darker color. If you saturate the color by 10%, you get **5199018**, and if you desaturate by 10%, it is **7435434**.

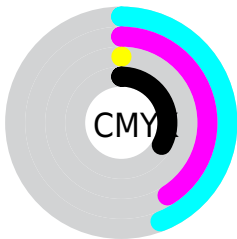
# Distribution



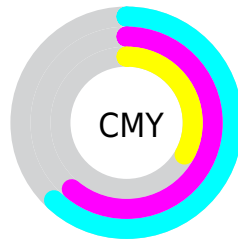
- Red (38%)
- Green (39%)
- Blue (67%)



- Red (38%)
- Yellow (39%)
- Blue (67%)



- Cyan (44%)
- Magenta (41%)
- Yellow (0%)
- Black (33%)



- Cyan (62%)
- Magenta (61%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6317226 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 6317226 by changing the saturation by 10% instead.





6317226



6317226

16777215



4607119



9869282



2831989



11710975



598364



13553151



2884



15460863



813



280



0



6317226



6317226



5199018



7435434

■ 4080810

■ 8553642

■ 2962602

■ 9671850

■ 1844394

■ 10790058

■ 726186

■ 11908266

■ 2474

■ 13026474

■ 14144938

■ 15263146

■ 16381354

# Harmonies

## Analogous

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



28847



6317226



9328276

# Triad

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



6317226



10311987



31586

# Complementary

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



6317226



11183712

# 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.



3569728



6317226



8611361

# Square

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



6317226



11161168



6451495



31622

# Rectangle

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



6317226



10505854



6451495



31318



# Sweetspot

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



6317226



12698590



6335141



6184816



15790320



7368816



# Same Dimension

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



6317226



6975966



8413354



5000276



2196



276



# Inverse Universe

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



11165796



14576241



9087584



5524556



9699336



1310721



# Previews

## White Background



This preview shows how the Decimal color 6317226 looks on a white background.

## Color Contrast Check

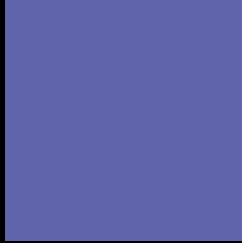
Large Text (above 18pt) WCAG AA ✓ Pass

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 6317226 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 6317226 Background



This preview shows how black text looks on a background with the Decimal color 6317226.

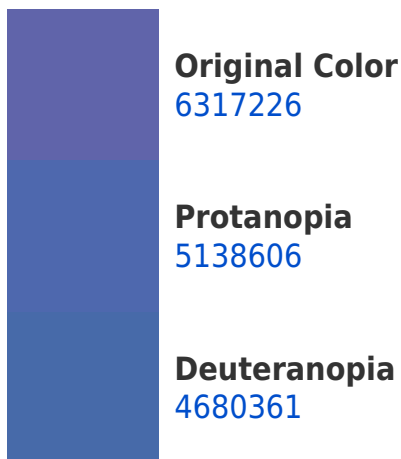


This preview shows how white text looks on a background with the Decimal color 6317226.

# 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**  
6317226

**Protanomaly**  
5597101

**Deuteranomaly**  
5269673

**Tritanomaly**  
5794698

# Monochromacy



**Original Color**  
6317226

**Achromatopsia**  
7039851

**Achromatomaly**  
6776962

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6317226 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 #6064AA looks like.

```
.text, #text, p{  
    color:#6064AA  
}
```

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 #6064AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6064AA
}
```

## Border

The CSS property to change the border of an element to Decimal 6317226 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
#6064AA }
```

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

```
.border{ border-color:#6064AA }
```

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

Here you see how a box with a 4 pixel #6064AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6064AA; -webkit-box-shadow:4px 4px  
4px 4px #6064AA; box-shadow:4px 4px 4px  
4px #6064AA }
```

# Background

The CSS property to change the background color of an element to Decimal 6317226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6064AA }
```

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

```
.background{ background-color:#6064AA }
```

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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