

# Converting Colors

Decimal(6566333)

Have a look what the booklet for  
Decimal(6566333) contains.

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**Color**

**Decimal(6566333)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6431BD
RGB	100, 49, 189
RGB Percent	39%, 19%, 74%
CMY	0.6078, 0.8078, 0.2588
CMYK	0.47, 0.74, 0.00, 0.26
HSL	262°, 59%, 47%
HSV	262°, 74%, 74%
XYZ	15.5392, 8.5801, 48.9812
YIQ	80.2090, -14.5440, 54.3520

# Conversions

## Conversions Part 2

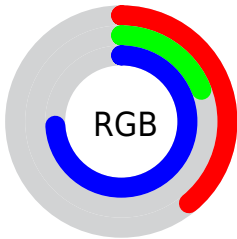
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	100, 49, 189
Decimal	6566333
CIE Lab	35.16, 52.87, -65.03
CIE LCh	35, 83.813, 309.111
Yxy	8.5801, 0.2126, 0.1174
Android (android.graphics.Color)	4284756413 (0xFF6431BD)
YUV	80.2090, 53.6340, 17.3567
Hunter-Lab	29.2918, 43.4329, -78.6396

# Details

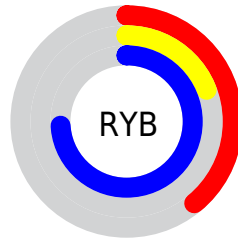
The Decimal color **6566333** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **9092401**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **10380534**, and **2424966** is the 20% darker color. If you saturate the color by 10%, you get **5775037**, and if you desaturate by 10%, it is **7357629**.

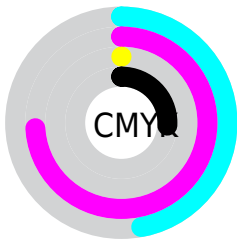
# Distribution



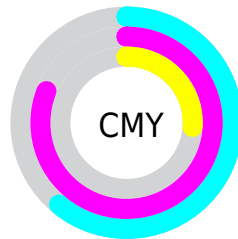
- Red (39%)
- Green (19%)
- Blue (74%)



- Red (39%)
- Yellow (19%)
- Blue (74%)



- Cyan (47%)
- Magenta (74%)
- Yellow (0%)
- Black (26%)



- Cyan (61%)
- Magenta (81%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6566333 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 6566333 by changing the saturation by 10% instead.



 6566333

 6566333

16777215

 4593313

 10380534

 2424966

 12287743

 108

 14260735

 83

 16233983

 1595

 16765439

 548

 16772863

 12

 0

 6566333

 6566333

■ 5775037

■ 7357629

■ 4983741

■ 8148925

■ 4522173

■ 8940221

■ 9731517

■ 10522813

■ 11313853

■ 12105149

■ 12896445

■ 13687741

# Harmonies

## Analogous

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



22491



6566333



11272324

# Triad

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



6566333



9059328



27494

# Complementary

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



6566333



9092401

# 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.



26909



6566333



5461760

# Square

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



6566333



11599872



25600



27815

# Rectangle

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



6566333



12451928



25600



27471



# Sweetspot

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



6566333



13877237



3247293



6708090



16448250



8026746



# Same Dimension

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



6566333



6953973



11022781



5789022



3801246



720927



# Inverse Universe

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



12398986



16063397



4635953



6182235



10354789



2031635



# Previews

## White Background



This preview shows how the Decimal color 6566333 looks on a white background.

## Color Contrast Check

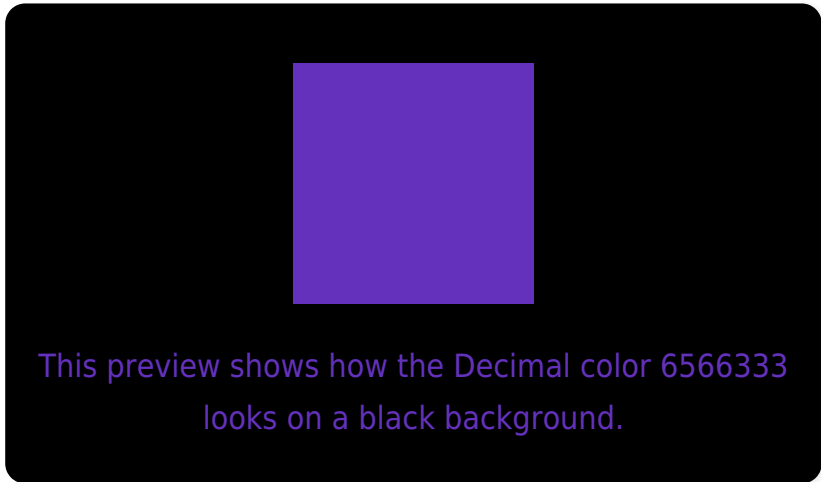
Large Text (above 18pt) WCAG AA ✓ Pass

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

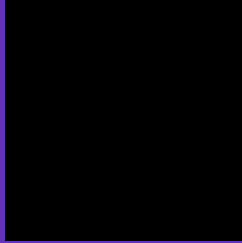
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6566333 Background



This preview shows how black text looks on a background with the Decimal color 6566333.



This preview shows how white text looks on a background with the Decimal color 6566333.

# 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**  
4871259

# Trichromacy



**Original Color**

6566333



**Protanomaly**

2377136



**Deuteranomaly**

2377889



**Tritanomaly**

5457791

# Monochromacy



**Original Color**

6566333



**Achromatopsia**

5263440



**Achromatomaly**

5719416

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6566333 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 #6431BD looks like.

```
.text, #text, p{  
    color:#6431BD  
}
```

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 #6431BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6431BD
}
```

## Border

The CSS property to change the border of an element to Decimal 6566333 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
#6431BD }
```

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

```
.border{ border-color:#6431BD }
```

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

Here you see how a box with a 4 pixel #6431BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6431BD; -webkit-box-shadow:4px 4px  
4px 4px #6431BD; box-shadow:4px 4px 4px  
4px #6431BD }
```

# Background

The CSS property to change the background color of an element to Decimal 6566333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6431BD }
```

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

```
.background{ background-color:#6431BD }
```

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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