

# Converting Colors

Decimal(6719411)

Have a look what the booklet for  
Decimal(6719411) contains.

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# Color

**Decimal(6719411)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6687B3
RGB	102, 135, 179
RGB Percent	40%, 53%, 70%
CMY	0.6000, 0.4706, 0.2980
CMYK	0.43, 0.25, 0.00, 0.30
HSL	214°, 34%, 55%
HSV	214°, 43%, 70%
XYZ	22.2801, 23.4074, 45.9916
YIQ	130.1490, -33.7920, 6.6880

# Conversions

## Conversions Part 2

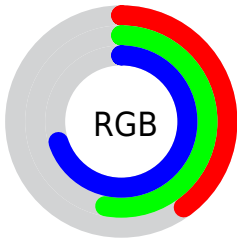
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 125, 179
Decimal	6719411
CIELab	55.49, 0.15, -26.80
CIElCh	55, 26.804, 270.317
Yxy	23.4074, 0.2430, 0.2553
Android (android.graphics.Color)	4284909491 (0xFF6687B3)
YUV	130.1490, 24.0835, -24.6867
Hunter-Lab	48.3812, -2.4656, -22.4948

# Details

The Decimal color **6719411** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11768422**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **10271979**, and **3233406** is the 20% darker color. If you saturate the color by 10%, you get **5537203**, and if you desaturate by 10%, it is **7901619**.

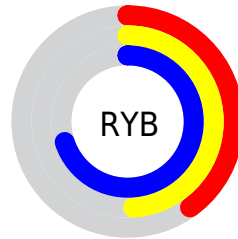
# Distribution



Red (40%)

Green (53%)

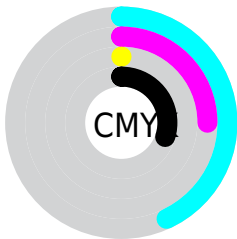
Blue (70%)



Red (40%)

Yellow (49%)

Blue (70%)

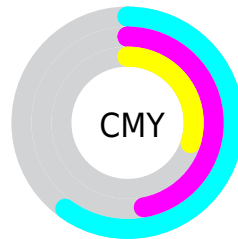


Cyan (43%)

Magenta (25%)

Yellow (0%)

Black (30%)



Cyan (60%)

Magenta (47%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6719411 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 6719411 by changing the saturation by 10% instead.



■ 6719411

■ 6719411

16777215

■ 5009048

■ 10271979

■ 3233406

■ 12114175

■ 1261413

■ 13956351

■ 10573

■ 15859711

■ 5174

■ 544

■ 4

■ 0

■ 6719411

■ 6719411

■ 5537203

■ 7901619

■ 4354995

■ 9083827

■ 3172531

■ 10266291

■ 1990323

■ 11448499

■ 873651

■ 12630707

■ 19891

■ 13747379

■ 14929843

■ 16112051

■ 16769971

# Harmonies

## Analogous

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



4492717



6719411



8945581

# Triad

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



6719411



11695471



6393709

# Complementary

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



6719411



11768422

# 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.



8162140



6719411



11041885

# Square

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



6719411



11629446



9798742



4625028

# Rectangle

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



6719411



10189219



9798742



6983271



# Sweetspot

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



6719411



13293544



6730642



6515573



16119285



7697781



# Same Dimension

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



6719411



7316456



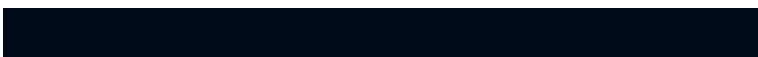
7038643



5264473



17049



2842



# Inverse Universe

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



11757191



15232931



11449190



5853268



10027074

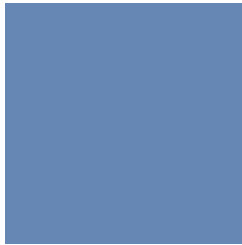


1703947



# Previews

## White Background



This preview shows how the Decimal color 6719411 looks on a white 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

# Black Background



This preview shows how the Decimal color 6719411 looks on a black 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

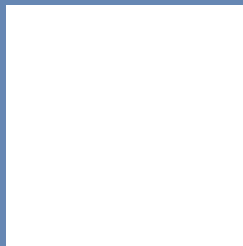
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6719411 Background



This preview shows how black text looks on a background with the Decimal color 6719411.




This preview shows how white text looks on a background with the Decimal color 6719411.

# 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](#).

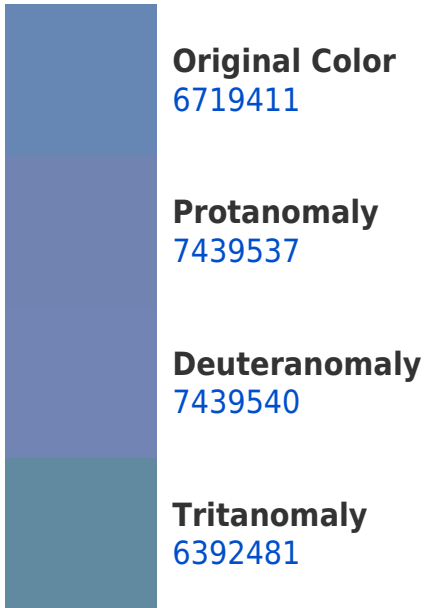
## Dichromacy





**Tritanopia**  
6196375

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6719411 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 #6687B3 looks like.

```
.text, #text, p{  
    color:#6687B3  
}
```

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 #6687B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6687B3
}
```

## Border

The CSS property to change the border of an element to Decimal 6719411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

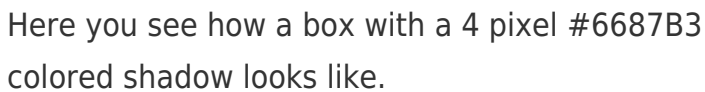
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6687B3 }
```

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

```
.border{ border-color:#6687B3 }
```

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



Here you see how a box with a 4 pixel #6687B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6687B3; -webkit-box-shadow:4px 4px  
4px 4px #6687B3; box-shadow:4px 4px 4px  
4px #6687B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 6719411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6687B3 }
```

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

```
.background{ background-color:#6687B3 }
```

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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