

# Converting Colors

Decimal(6455451)

Have a look what the booklet for  
Decimal(6455451) contains.

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# Color

**Decimal(6455451)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62809B
RGB	98, 128, 155
RGB Percent	38%, 50%, 61%
CMY	0.6157, 0.4980, 0.3922
CMYK	0.37, 0.17, 0.00, 0.39
HSL	208°, 23%, 50%
HSV	208°, 37%, 61%
XYZ	18.6726, 20.4016, 33.9641
YIQ	122.1080, -26.5470, 2.0370

# Conversions

## Conversions Part 2

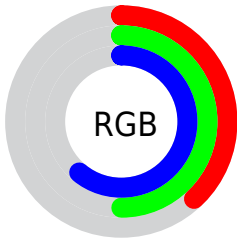
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 118, 155
Decimal	6455451
CIE Lab	52.29, -3.68, -17.90
CIE LCh	52, 18.275, 258.379
Yxy	20.4016, 0.2557, 0.2793
Android (android.graphics.Color)	4284645531 (0xFF62809B)
YUV	122.1080, 16.2158, -21.1427
Hunter-Lab	45.1681, -5.2520, -12.9654

# Details

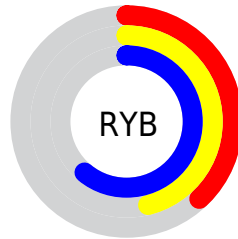
The Decimal color **6455451** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10190178**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9876946**, and **3166056** is the 20% darker color. If you saturate the color by 10%, you get **5470619**, and if you desaturate by 10%, it is **7505819**.

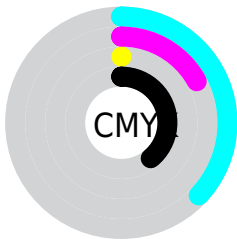
# Distribution



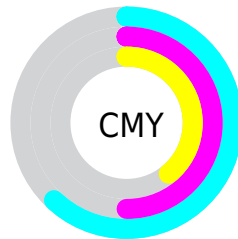
- Red (38%)
- Green (50%)
- Blue (61%)



- Red (38%)
- Yellow (46%)
- Blue (61%)



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (62%)
- Magenta (50%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6455451 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 6455451 by changing the saturation by 10% instead.



■ 6455451

■ 6455451

16777215

■ 4810625

■ 9876946

■ 3166056

■ 11718894

■ 1456208

■ 13561087

■ 9017

■ 15400959

■ 3363

■ 11

■ 0

■ 6455451

■ 6455451

■ 5470619

■ 7505819

■ 4419995

■ 8490907

■ 3435163

■ 9541275

■ 2384795

■ 10526107

■ 1399707

■ 11576731

■ 349339

■ 12561563

■ 21147

■ 13611931

■ 14597019

■ 15647387

# Harmonies

## Analogous

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



5473428



6455451



7830426

# Triad

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



6455451



10318452



7111528

# Complementary

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



6455451



10190178

# 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.



8290143



6455451



10057062

# Square

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



6455451



9990787



9337438



6063478

# Rectangle

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



6455451



8746901



9337438



7504484



# Sweetspot

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



6455451



11780041



6462333



5857382



15132390



6710886



# Same Dimension

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



6455451



7446473



6448283



4540749



19084



1805



# Inverse Universe

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



10183296



13201823



10197346



5064009



9175114



851975



# Previews

## White Background



This preview shows how the Decimal color 6455451 looks on a white background.

## Color Contrast Check

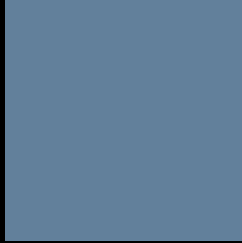
Large Text (above 18pt) WCAG AA ✓ Pass

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 6455451 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

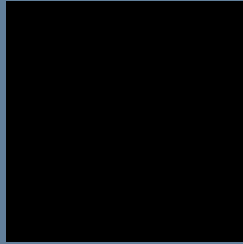
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

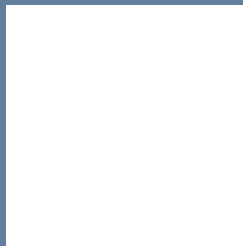
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6455451 Background



This preview shows how black text looks on a background with the Decimal color 6455451.

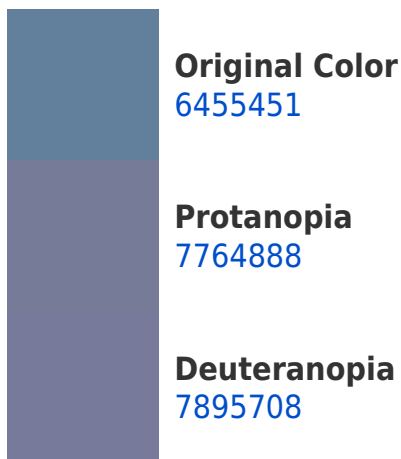



This preview shows how white text looks on a background with the Decimal color 6455451.

# 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**  
6259341

# Trichromacy



**Original Color**  
6455451

**Protanomaly**  
7306649

**Deuteranomaly**  
7371932

**Tritanomaly**  
6324626

# Monochromacy



**Original Color**  
6455451

**Achromatopsia**  
8026746

**Achromatomaly**  
7437446

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6455451 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 #62809B looks like.

```
.text, #text, p{  
    color:#62809B  
}
```

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 #62809B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62809B
}
```

## Border

The CSS property to change the border of an element to Decimal 6455451 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
#62809B }
```

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

```
.border{ border-color:#62809B }
```

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

Here you see how a box with a 4 pixel #62809B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62809B; -webkit-box-shadow:4px 4px  
4px 4px #62809B; box-shadow:4px 4px 4px  
4px #62809B }
```

# Background

The CSS property to change the background color of an element to Decimal 6455451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62809B }
```

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

```
.background{ background-color:#62809B }
```

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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