

# Converting Colors

Decimal(6477224)

Have a look what the booklet for  
Decimal(6477224) contains.

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# Color

**Decimal(6477224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62D5A8
RGB	98, 213, 168
RGB Percent	38%, 84%, 66%
CMY	0.6157, 0.1647, 0.3412
CMYK	0.54, 0.00, 0.21, 0.16
HSL	157°, 58%, 61%
HSV	157°, 54%, 84%
XYZ	35.8991, 53.0123, 45.3861
YIQ	173.4850, -54.0950, -38.3750

# Conversions

## Conversions Part 2

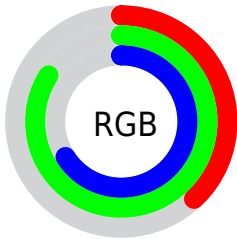
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 169, 213
Decimal	6477224
CIELab	77.88, -43.24, 12.47
CIELCh	78, 45.001, 163.918
Yxy	53.0123, 0.2673, 0.3947
Android (android.graphics.Color)	4284667304 (0xFF62D5A8)
YUV	173.4850, -2.7041, -66.2003
Hunter-Lab	72.8096, -39.4064, 14.0081

# Details

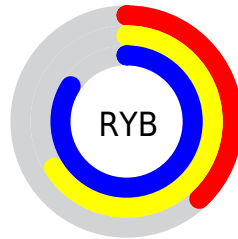
The Decimal color **6477224** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13984399**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **10289119**, and **2072180** is the 20% darker color. If you saturate the color by 10%, you get **5100960**, and if you desaturate by 10%, it is **7853488**.

# Distribution



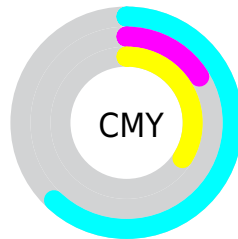
- Red (38%)
- Green (84%)
- Blue (66%)



- Red (38%)
- Yellow (66%)
- Blue (84%)



- Cyan (54%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6477224 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 6477224 by changing the saturation by 10% instead.





6477224



6477224

16777215



4438414



10289119



2072180



12189692



33627



14155775



26948



16121855



20525



14360



8960



0



6477224



6477224

5100960

7853488

3659159

9295289

2282895

10671553

906631

12047817

54658

13489618

14865882

16242146

16766443

16766451

# Harmonies

## Analogous

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



10145667



6477224



55251

# Triad

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



6477224



10665727



16754824

# Complementary

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



6477224



13984399

# 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.



16752814



6477224



14593789

# Square

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



6477224



5491711



16753369



15709808

# Rectangle

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



6477224



54766



16753369



16753812

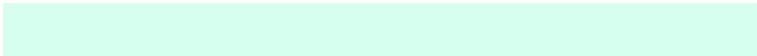


# Sweetspot

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



6477224



14090223



9491810



6783094



0



8421504



# Same Dimension

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



6477224



5898174



6474197



6318951



43880



11034



# Inverse Universe

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



13984399



16734618



13987426



7037029



11206723

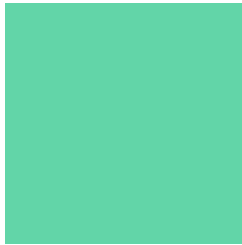


2818065



# Previews

## White Background



This preview shows how the Decimal color 6477224 looks on a white background.

## Color Contrast Check

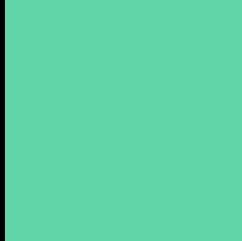
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6477224 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

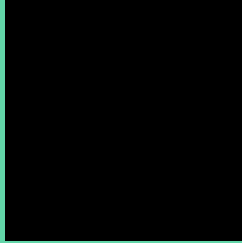
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6477224 Background



This preview shows how black text looks on a background with the Decimal color 6477224.



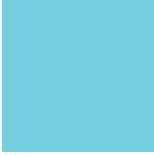
This preview shows how white text looks on a background with the Decimal color 6477224.

# 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**  
7589598

# Trichromacy



**Original Color**

6477224



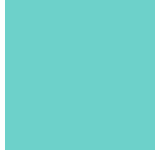
**Protanomaly**

10799009



**Deuteranomaly**

11387820



**Tritanomaly**

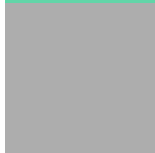
7197130

# Monochromacy



**Original Color**

6477224



**Achromatopsia**

11382189



**Achromatomaly**

9616555

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6477224 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 #62D5A8 looks like.

```
.text, #text, p{  
  color:#62D5A8  
}
```

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 #62D5A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D5A8
}
```

## Border

The CSS property to change the border of an element to Decimal 6477224 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
#62D5A8 }
```

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

```
.border{ border-color:#62D5A8 }
```

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

Here you see how a box with a 4 pixel #62D5A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D5A8; -webkit-box-shadow:4px 4px  
4px 4px #62D5A8; box-shadow:4px 4px 4px  
4px #62D5A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 6477224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D5A8 }
```

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

```
.background{ background-color:#62D5A8 }
```

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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