

# Converting Colors

Decimal(6410695)

Have a look what the booklet for  
Decimal(6410695) contains.

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# **Color**

**Decimal(6410695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61D1C7
RGB	97, 209, 199
RGB Percent	38%, 82%, 78%
CMY	0.6196, 0.1804, 0.2196
CMYK	0.54, 0.00, 0.05, 0.18
HSL	175°, 55%, 60%
HSV	175°, 54%, 82%
XYZ	38.0390, 52.2658, 62.1163
YIQ	174.3720, -63.5420, -26.8540

# Conversions

## Conversions Part 2

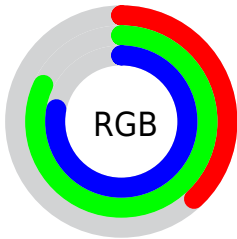
Format	Color
<b>RYB</b>	97, 156, 209
Decimal	6410695
CIELab	77.44, -34.29, -4.77
CIELCh	77, 34.618, 187.922
Yxy	52.2658, 0.2496, 0.3429
Android (android.graphics.Color)	4284600775 (0xFF61D1C7)
YUV	174.3720, 12.1416, -67.8552
Hunter-Lab	72.2951, -32.5963, -0.3356

# Details

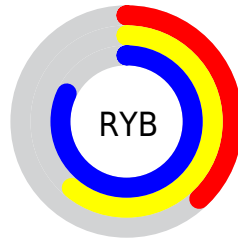
The Decimal color **6410695** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13721963**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **10289151**, and **1743505** is the 20% darker color. If you saturate the color by 10%, you get **5034437**, and if you desaturate by 10%, it is **7786953**.

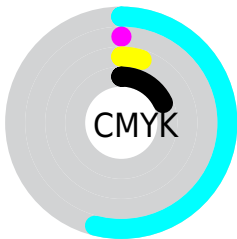
# Distribution



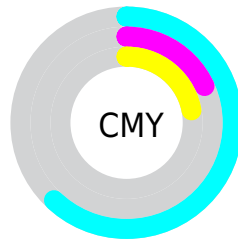
- Red (38%)
- Green (82%)
- Blue (78%)



- Red (38%)
- Yellow (61%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6410695 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 6410695 by changing the saturation by 10% instead.



■ 6410695

■ 6410695

16777215

■ 4371884

■ 10289151

■ 1743505

■ 12189695

■ 32888

■ 14155775

■ 26207

■ 16121855

■ 19783

■ 13873

■ 8732

■ 1

■ 0

■ 6410695

■ 6410695

■ 5034437

■ 7786953

■ 3658179

■ 9163211

■ 2281921

■ 10539469

■ 905664

■ 11915726

■ 53694

■ 13291984

■ 14602706

■ 15978964

■ 16765398

■ 16765400

# Harmonies

## Analogous

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



8703910



6410695



5558246

# Triad

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



6410695



13612274



15381893

# Complementary

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



6410695



13721963

# 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.



16559001



6410695



15706840

# Square

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



6410695



10600446



16689080



13484159

# Rectangle

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



6410695



6606069



16689080



15839882

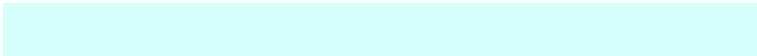


# Sweetspot

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



6410695



14090235



7131489



6783101



0



8421504



# Same Dimension

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



6410695



6094832



6399185



6187368



43161



10533



# Inverse Universe

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



13721963



16735338



13733473



6905439



11010063

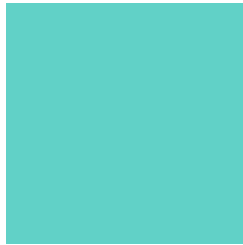


2686980



# Previews

## White Background



This preview shows how the Decimal color 6410695 looks on a white background.

## Color Contrast Check

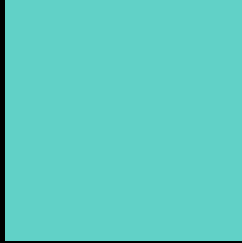
Large Text (above 18pt) WCAG AA × Fail

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 6410695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

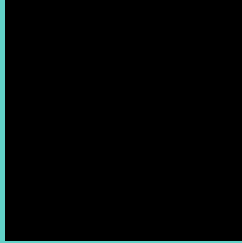
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

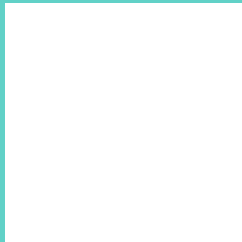
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6410695 Background



This preview shows how black text looks on a background with the Decimal color 6410695.



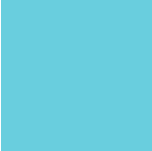
This preview shows how white text looks on a background with the Decimal color 6410695.

# 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



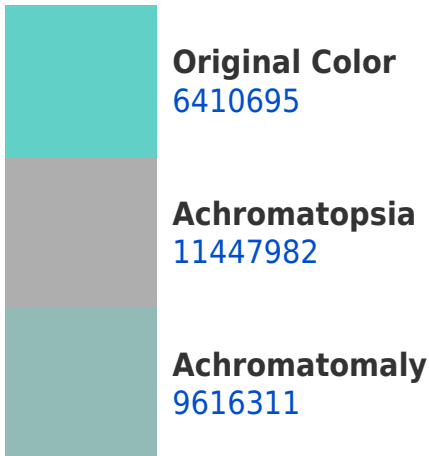


**Tritanopia**  
6934238

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6410695 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 #61D1C7 looks like.

```
.text, #text, p{  
    color:#61D1C7  
}
```

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 #61D1C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D1C7
}
```

## Border

The CSS property to change the border of an element to Decimal 6410695 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
#61D1C7 }
```

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

```
.border{ border-color:#61D1C7 }
```

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

Here you see how a box with a 4 pixel #61D1C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D1C7; -webkit-box-shadow:4px 4px  
4px 4px #61D1C7; box-shadow:4px 4px 4px  
4px #61D1C7 }
```

# Background

The CSS property to change the background color of an element to Decimal 6410695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D1C7 }
```

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

```
.background{ background-color:#61D1C7 }
```

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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