

# Converting Colors

Decimal(6413250)

Have a look what the booklet for  
Decimal(6413250) contains.

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# **Color**

**Decimal(6413250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61DBC2
RGB	97, 219, 194
RGB Percent	38%, 86%, 76%
CMY	0.6196, 0.1412, 0.2392
CMYK	0.56, 0.00, 0.11, 0.14
HSL	168°, 63%, 62%
HSV	168°, 56%, 86%
XYZ	39.9989, 57.0995, 59.9521
YIQ	179.6720, -64.6870, -33.6390

# Conversions

## Conversions Part 2

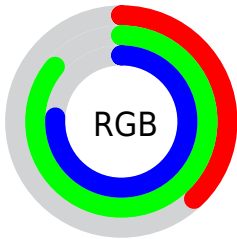
Format	Color
<b>RYB</b>	97, 165, 219
Decimal	6413250
CIELab	80.24, -40.12, 2.00
CIELCh	80, 40.167, 177.148
Yxy	57.0995, 0.2547, 0.3636
Android (android.graphics.Color)	4284603330 (0xFF61DBC2)
YUV	179.6720, 7.0637, -72.5033
Hunter-Lab	75.5642, -37.7508, 5.8547




# Details

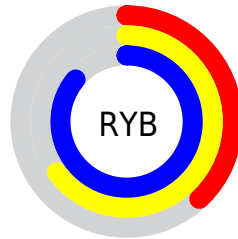
The Decimal color **6413250** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **14377338**, and the grayscale version is **11842740**.




A 20% lighter version of the original color is **10354682**, and **1483660** is the 20% darker color. If you saturate the color by 10%, you get **4971454**, and if you desaturate by 10%, it is **7855046**.

# Distribution







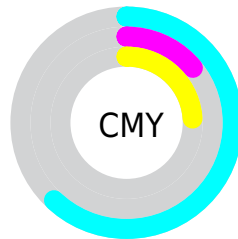
-  Red (38%)
-  Green (86%)
-  Blue (76%)






-  Red (38%)
-  Yellow (65%)
-  Blue (86%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (14%)



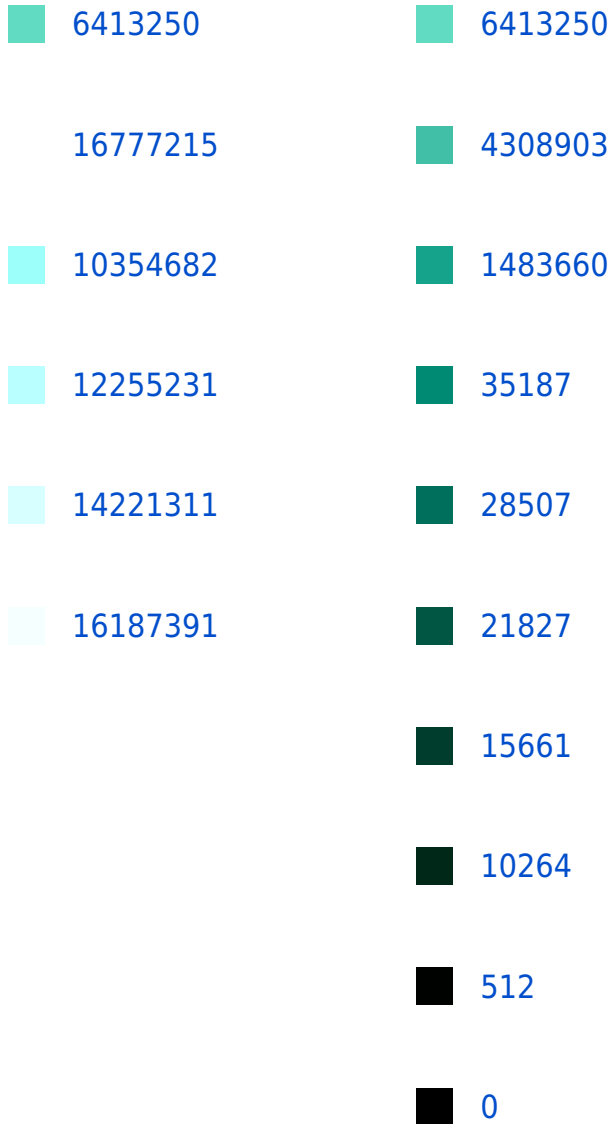
-  Cyan (62%)
-  Magenta (14%)
-  Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6413250 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 6413250 by changing the saturation by 10% instead.





■ 6413250

■ 6413250

■ 4971454

■ 7855046

■ 3529657

■ 9296843

■ 2087861

■ 10738639

■ 646064

■ 12180436

■ 56238

■ 13622232

■ 14998493

■ 16440289

■ 16767974

■ 16767978

# Harmonies

## Analogous

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



9557917



6413250



3726312

# Triad

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



6413250



13090815



16758665

# Complementary

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



6413250



14377338

# 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.



16756135



6413250



15971056

# Square

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



6413250



9227519



16755404



14926716

# Rectangle

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



6413250



4184317



16755404



16757650

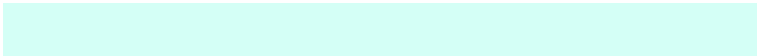


# Sweetspot

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



6413250



13959158



8117089



6717562



0



8421504



# Same Dimension

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



6413250



5570524



6404315



6516331



44426



11812



# Inverse Universe

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



14377338



16733303



14386273



7234405



11337764

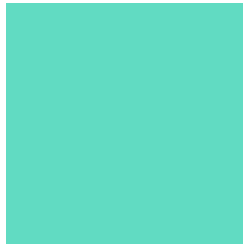


3014665



# Previews

## White Background



This preview shows how the Decimal color 6413250 looks on a white background.

## Color Contrast Check

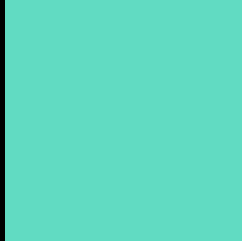
Large Text (above 18pt) WCAG AA × Fail

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 6413250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

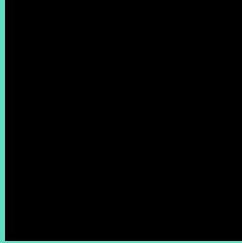
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

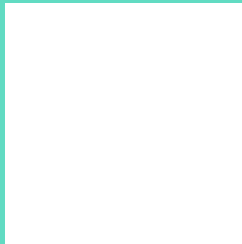
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6413250 Background



This preview shows how black text looks on a background with the Decimal color 6413250.



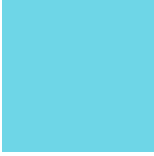
This preview shows how white text looks on a background with the Decimal color 6413250.

# 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**  
7263975

# Trichromacy



**Original Color**  
6413250



**Protanomaly**  
10931642



**Deuteranomaly**  
11389382

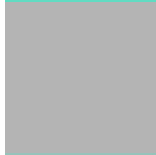


**Tritanomaly**  
6936794

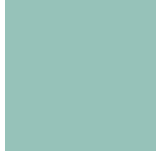
# Monochromacy



**Original Color**  
6413250



**Achromatopsia**  
11842740



**Achromatomaly**  
9880249

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6413250 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 #61DBC2 looks like.

```
.text, #text, p{  
    color:#61DBC2  
}
```

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 #61DBC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61DBC2
}
```

## Border

The CSS property to change the border of an element to Decimal 6413250 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
#61DBC2 }
```

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

```
.border{ border-color:#61DBC2 }
```

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

Here you see how a box with a 4 pixel #61DBC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61DBC2; -webkit-box-shadow:4px 4px  
4px 4px #61DBC2; box-shadow:4px 4px 4px  
4px #61DBC2 }
```

# Background

The CSS property to change the background color of an element to Decimal 6413250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61DBC2 }
```

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

```
.background{ background-color:#61DBC2 }
```

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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