

Converting Colors

Decimal(6413263)

Have a look what the booklet for
Decimal(6413263) contains.

Decimal(6413263)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6413263)

Conversions

Conversions Part 1

Format	Color
Hex	61DBC F
RGB	97, 219, 207
RGB Percent	38%, 86%, 81%
CMY	0.6196, 0.1412, 0.1882
CMYK	0.56, 0.00, 0.05, 0.14
HSL	174°, 63%, 62%
HSV	174°, 56%, 86%
XYZ	41.5238, 57.7094, 67.9820
YIQ	181.1540, -68.8600, -29.5960

Conversions

Conversions Part 2

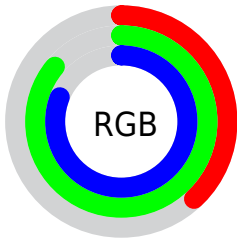
Format	Color
RYB	97, 161, 219
Decimal	6413263
CIELab	80.58, -36.89, -4.43
CIELCh	81, 37.152, 186.844
Yxy	57.7094, 0.2483, 0.3451
Android (android.graphics.Color)	4284603343 (0xFF61DBCf)
YUV	181.1540, 12.7421, -73.8031
Hunter-Lab	75.9667, -35.3728, 0.1186

Details

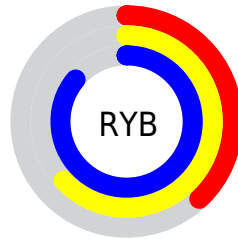
The Decimal color **6413263** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **14377325**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **10354687**, and **1287065** is the 20% darker color. If you saturate the color by 10%, you get **4971469**, and if you desaturate by 10%, it is **7855057**.

Distribution



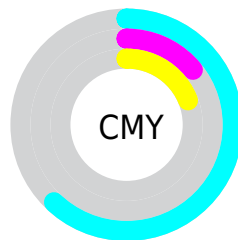
- Red (38%)
- Green (86%)
- Blue (81%)



- Red (38%)
- Yellow (63%)
- Blue (86%)



- Cyan (56%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (62%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6413263 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 6413263 by changing the saturation by 10% instead.

6413263

6413263

16777215

4243380

10354687

1287065

12320767

35199

14286847

28518

16252927

22094

15927

10274

1037

0

■ 6413263

■ 6413263

■ 4971469

■ 7855057

■ 3529675

■ 9296851

■ 2087881

■ 10738645

■ 646086

■ 12180440

■ 56261

■ 13622234

■ 14998492

■ 16440286

■ 16767968

■ 16767970

Harmonies

Analogous

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



9034156



6413263



5298672

Triad

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



6413263



14138623



16235913

Complementary

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



6413263



14377325

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.



16757408



6413263



16495332

Square

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



6413263



10865151



16756417



14207107

Rectangle

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



6413263



6411775



16756417



16693647

Sweetspot

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



6413263



13959163



7199585



6717565



0



8421504

Same Dimension

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



6413263



5570542



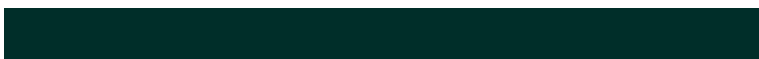
6400731



6516333



44444



11817

Inverse Universe

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



14377325



16733285



14389857



7234404



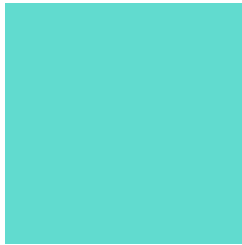
11337745



3014661

Previews

White Background



This preview shows how the Decimal color 6413263 looks on a white background.

Color Contrast Check

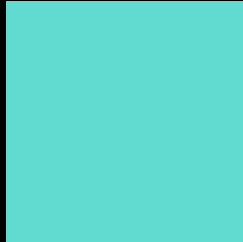
Large Text (above 18pt) WCAG AA × Fail

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 6413263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

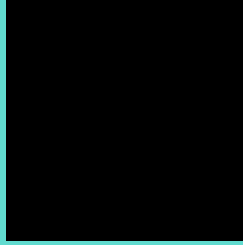
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

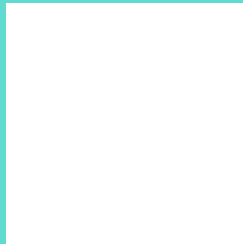
Any Text WCAG AAA ✓ Pass

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

Decimal 6413263 Background



This preview shows how black text looks on a background with the Decimal color 6413263.



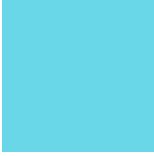
This preview shows how white text looks on a background with the Decimal color 6413263.

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



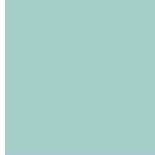


Tritanopia
7002089

Trichromacy



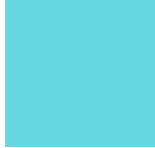
Original Color
6413263



Protanomaly
10800839



Deuteranomaly
11193043

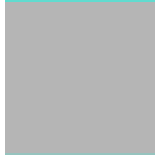


Tritanomaly
6805728

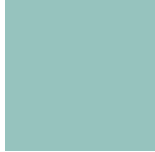
Monochromacy



Original Color
6413263



Achromatopsia
11908533



Achromatomaly
9880510

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6413263 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 #61DBCF looks like.

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

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 #61DBCF colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 6413263 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
#61DBCF }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 6413263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor