

Converting Colors

Decimal(7525083)

Have a look what the booklet for
Decimal(7525083) contains.

Decimal(7525083)	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(7525083)

Conversions

Conversions Part 1

Format	Color
Hex	72D2DB
RGB	114, 210, 219
RGB Percent	45%, 82%, 86%
CMY	0.5529, 0.1765, 0.1412
CMYK	0.48, 0.04, 0.00, 0.14
HSL	185°, 59%, 65%
HSV	185°, 48%, 86%
XYZ	42.7722, 54.7851, 75.3381
YIQ	182.3220, -60.1050, -17.5530

Conversions

Conversions Part 2

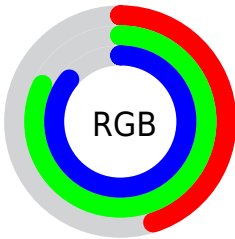
Format	Color
RYB	114, 164, 219
Decimal	7525083
CIELab	78.92, -25.97, -13.24
CIELCh	79, 29.151, 207.022
Yxy	54.7851, 0.2474, 0.3169
Android (android.graphics.Color)	4285715163 (0xFF72D2DB)
YUV	182.3220, 18.0823, -59.9184
Hunter-Lab	74.0169, -26.3797, -8.5364

Details

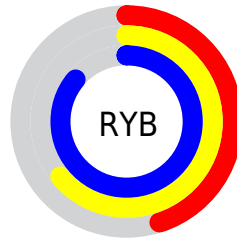
The Decimal color **7525083** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14383986**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **11337727**, and **3513252** is the 20% darker color. If you saturate the color by 10%, you get **6082779**, and if you desaturate by 10%, it is **8967387**.

Distribution



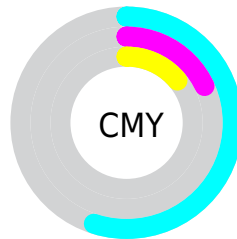
- Red (45%)
- Green (82%)
- Blue (86%)



- Red (45%)
- Yellow (64%)
- Blue (86%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (55%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7525083 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 7525083 by changing the saturation by 10% instead.

■ 7525083

■ 7525083

16777215

■ 5617343

■ 11337727

■ 3513252

■ 13238271

■ 164234

■ 15204351

■ 26736

■ 20312

■ 14401

■ 9003

■ 279

■ 0

■ 7525083

■ 7525083

■ 6082779

■ 8967387

■ 4640475

■ 10409691

■ 3198171

■ 11851995

■ 1755867

■ 13294299

■ 313819

■ 14736347

■ 51419

■ 16113115

■ 16768987

■ 16769499

■ 16770011

Harmonies

Analogous

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



8508096



7525083



8244976

Triad

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



7525083



14988769



14336397

Complementary

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



7525083



14383986

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.



15710359



7525083



16232647

Square

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



7525083



12893684



16429484



12437907

Rectangle

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



7525083



9554424



16429484



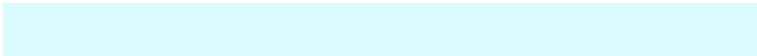
14859919

Sweetspot

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



7525083



14417151



7527291



6979200



0



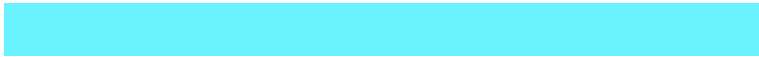
8421504

Same Dimension

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



7525083



7074559



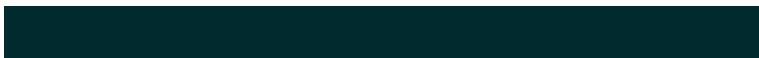
7511771



6516078



40877



10798

Inverse Universe

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



14381778



16739314



14397298



7234413



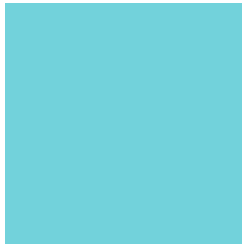
11337887



3014698

Previews

White Background



This preview shows how the Decimal color 7525083 looks on a white background.

Color Contrast Check

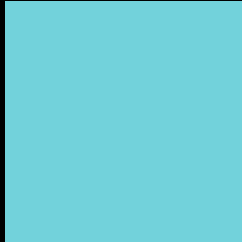
Large Text (above 18pt) WCAG AA × Fail

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 7525083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

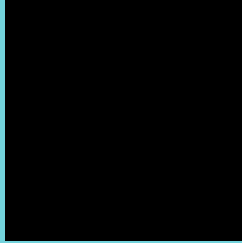
Any Text WCAG AA ✓ Pass

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 7525083 Background



This preview shows how black text looks on a background with the Decimal color 7525083.



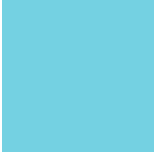
This preview shows how white text looks on a background with the Decimal color 7525083.

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
7655906

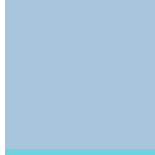
Trichromacy



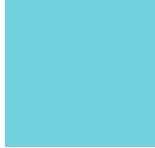
Original Color
7525083



Protanomaly
10864596



Deuteranomaly
11060702

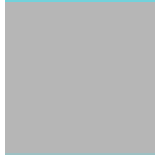


Tritanomaly
7590367

Monochromacy



Original Color
7525083



Achromatopsia
11974326



Achromatomaly
10338499

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7525083 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 #72D2DB looks like.

```
.text, #text, p{  
    color:#72D2DB  
}
```

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 #72D2DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72D2DB
}
```

Border

The CSS property to change the border of an element to Decimal 7525083 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
#72D2DB }
```

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

```
.border{ border-color:#72D2DB }
```

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

Here you see how a box with a 4 pixel #72D2DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72D2DB; -webkit-box-shadow:4px 4px  
4px 4px #72D2DB; box-shadow:4px 4px 4px  
4px #72D2DB }
```

Background

The CSS property to change the background color of an element to Decimal 7525083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72D2DB }
```

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

```
.background{ background-color:#72D2DB }
```

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