

# Converting Colors

Decimal(7524790)

Have a look what the booklet for  
Decimal(7524790) contains.

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**Color**

**Decimal(7524790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72D1B6
RGB	114, 209, 182
RGB Percent	45%, 82%, 71%
CMY	0.5529, 0.1804, 0.2863
CMYK	0.45, 0.00, 0.13, 0.18
HSL	163°, 51%, 63%
HSV	163°, 45%, 82%
XYZ	38.1834, 52.5557, 52.3878
YIQ	177.5170, -47.9530, -28.5370

# Conversions

## Conversions Part 2

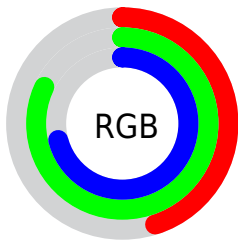
Format	Color
<a href="#">RYB</a>	<a href="#">114, 169, 209</a>
Decimal	<a href="#">7524790</a>
CIELab	<a href="#">77.61, -34.57, 4.68</a>
CIELCh	<a href="#">78, 34.881, 172.287</a>
Yxy	<a href="#">52.5557, 0.2668, 0.3672</a>
Android (android.graphics.Color)	<a href="#">4285714870</a> ( <a href="#">0xFF72D1B6</a> )
YUV	<a href="#">177.5170, 2.2101, -55.7044</a>
Hunter-Lab	<a href="#">72.4953, -32.8506, 7.9016</a>

# Details

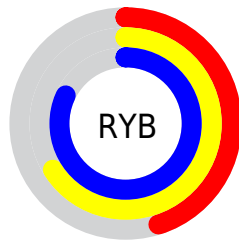
The Decimal color **7524790** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13726349**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **11272174**, and **3709569** is the 20% darker color. If you saturate the color by 10%, you get **6148528**, and if you desaturate by 10%, it is **8901052**.

# Distribution



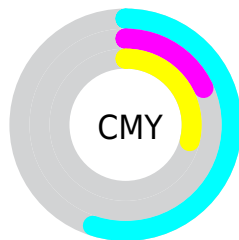
- Red (45%)
- Green (82%)
- Blue (71%)



- Red (45%)
- Yellow (66%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7524790 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 7524790 by changing the saturation by 10% instead.



 7524790

 7524790

16777215

 5682587

 11272174

 3709569

 13107199

 1343592

 15073279

 26192

 19769

 13860

 8718

 0

 7524790

 7524790

■ 6148528

■ 8901052

■ 4772266

■ 10277314

■ 3396004

■ 11653576

■ 2019742

■ 13029838

■ 709016

■ 14406100

■ 53654

■ 15716826

■ 16765408

■ 16765414

■ 16765419

# Harmonies

## Analogous

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



10014103



7524790



5624279

# Triad

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



7524790



12172027



16167054

# Complementary

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



7524790



13726349

# 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.



16755113



7524790



14790632

# Square

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



7524790



8963583



16427210



14596992

# Rectangle

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



7524790



5623786



16427210



16493974

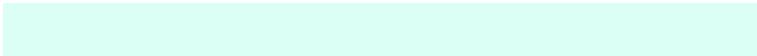


# Sweetspot

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



7524790



14417909



9425266



6979705



0



8421504

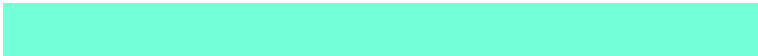


# Same Dimension

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



7524790



7602135



7519953



6187366



43128



10525



# Inverse Universe

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



13726349



16741275



13731186



6905441



11010096

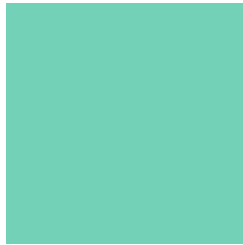


2686988



# Previews

## White Background



This preview shows how the Decimal color 7524790 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 7524790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

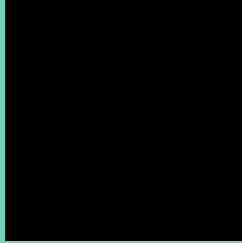
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

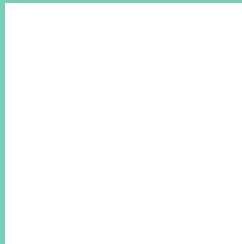
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7524790 Background



This preview shows how black text looks on a background with the Decimal color 7524790.



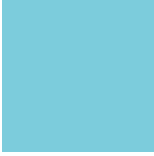
This preview shows how white text looks on a background with the Decimal color 7524790.

# 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





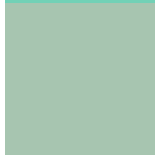
**Tritanopia**  
8178908

# Trichromacy



**Original Color**

7524790



**Protanomaly**

10995120



**Deuteranomaly**

11518393



**Tritanomaly**

7917262

# Monochromacy



**Original Color**

7524790



**Achromatopsia**

11711154



**Achromatomaly**

10206643

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7524790 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 #72D1B6 looks like.

```
.text, #text, p{  
    color:#72D1B6  
}
```

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 #72D1B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72D1B6
}
```

## Border

The CSS property to change the border of an element to Decimal 7524790 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
#72D1B6 }
```

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

```
.border{ border-color:#72D1B6 }
```

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

Here you see how a box with a 4 pixel #72D1B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72D1B6; -webkit-box-shadow:4px 4px  
4px 4px #72D1B6; box-shadow:4px 4px 4px  
4px #72D1B6 }
```

# Background

The CSS property to change the background color of an element to Decimal 7524790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72D1B6 }
```

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

```
.background{ background-color:#72D1B6 }
```

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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