

# Converting Colors

Decimal(6543294)

Have a look what the booklet for  
Decimal(6543294) contains.

<b>Decimal(6543294)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6543294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63D7BE
RGB	99, 215, 190
RGB Percent	39%, 84%, 75%
CMY	0.6118, 0.1569, 0.2549
CMYK	0.54, 0.00, 0.12, 0.16
HSL	167°, 59%, 62%
HSV	167°, 54%, 84%
XYZ	38.7403, 54.9712, 57.2839
YIQ	177.4660, -61.1110, -32.3670

# Conversions

## Conversions Part 2

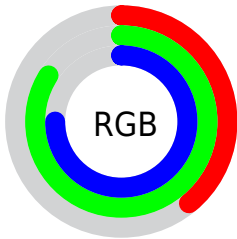
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 164, 215
Decimal	6543294
CIE <sub>Lab</sub>	79.02, -38.87, 2.38
CIE <sub>LCh</sub>	79, 38.943, 176.497
Yxy	54.9712, 0.2566, 0.3641
Android (android.graphics.Color)	4284733374 (0xFF63D7BE)
YUV	177.4660, 6.1793, -68.8147
Hunter-Lab	74.1426, -36.4814, 6.0913

# Details

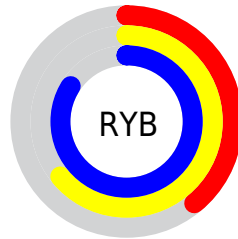
The Decimal color **6543294** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **14115708**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **10420214**, and **2007177** is the 20% darker color. If you saturate the color by 10%, you get **5167033**, and if you desaturate by 10%, it is **7985091**.

# Distribution



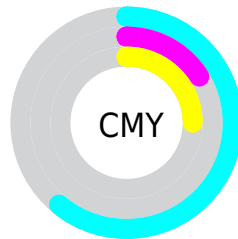
- Red (39%)
- Green (84%)
- Blue (75%)



- Red (39%)
- Yellow (64%)
- Blue (84%)



- Cyan (54%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (61%)
- Magenta (16%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6543294 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 6543294 by changing the saturation by 10% instead.





6543294



6543294

16777215



4504483



10420214



2007177



12320767



34159



14286847



27479



16252927



21056



14890



9749



0



6543294



6543294

■ 5167033

■ 7985091

■ 3725237

■ 9361351

■ 2348976

■ 10803148

■ 907179

■ 12179409

■ 55209

■ 13621205

■ 14997466

■ 16439262

■ 16766947

■ 16766952

# Harmonies

## Analogous

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



9491354



6543294



4118499

# Triad

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



6543294



12762367



16561288

# Complementary

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



6543294



14115708

# 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.



16755365



6543294



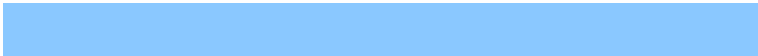
15642604

# Square

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



6543294



9095423



16754889



14729339

# Rectangle

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



6543294



4445431



16754889



16756881



# Sweetspot

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



6543294



14090230



8181603



6783098



0



8421504



# Same Dimension

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



6543294



5898203



6534871



6318953



43910



11042



# Inverse Universe

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



14115708



16734589



14124131



7037027



11206693

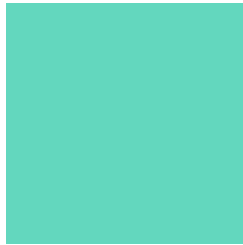


2818057



# Previews

## White Background



This preview shows how the Decimal color 6543294 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 6543294 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

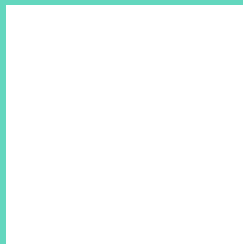
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6543294 Background



This preview shows how black text looks on a background with the Decimal color 6543294.



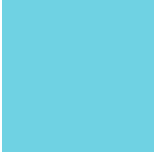
This preview shows how white text looks on a background with the Decimal color 6543294.

# 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**  
7328483

# Trichromacy



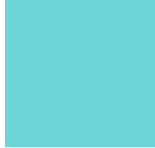
**Original Color**  
6543294



**Protanomaly**  
10865334



**Deuteranomaly**  
11257538

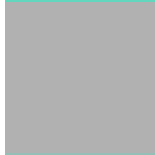


**Tritanomaly**  
7066838

# Monochromacy



**Original Color**  
6543294



**Achromatopsia**  
11645361



**Achromatomaly**  
9813942

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6543294 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 #63D7BE looks like.

```
.text, #text, p{  
    color:#63D7BE  
}
```

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 #63D7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D7BE
}
```

## Border

The CSS property to change the border of an element to Decimal 6543294 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
#63D7BE }
```

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

```
.border{ border-color:#63D7BE }
```

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

Here you see how a box with a 4 pixel #63D7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D7BE; -webkit-box-shadow:4px 4px  
4px 4px #63D7BE; box-shadow:4px 4px 4px  
4px #63D7BE }
```

# Background

The CSS property to change the background color of an element to Decimal 6543294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D7BE }
```

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

```
.background{ background-color:#63D7BE }
```

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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