

Converting Colors

Decimal(6666439)

Have a look what the booklet for
Decimal(6666439) contains.

Decimal(6666439)	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(6666439)

Conversions

Conversions Part 1

Format	Color
Hex	65B8C7
RGB	101, 184, 199
RGB Percent	40%, 72%, 78%
CMY	0.6039, 0.2784, 0.2196
CMYK	0.49, 0.08, 0.00, 0.22
HSL	189°, 47%, 59%
HSV	189°, 49%, 78%
XYZ	32.8161, 41.1712, 60.2501
YIQ	160.8930, -54.2830, -12.9310

Conversions

Conversions Part 2

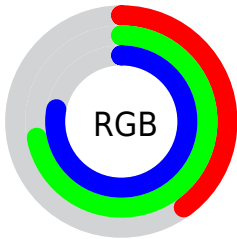
Format	Color
RYB	101, 146, 199
Decimal	6666439
CIELab	70.30, -21.20, -15.41
CIElCh	70, 26.206, 216.018
Yxy	41.1712, 0.2445, 0.3067
Android (android.graphics.Color)	4284856519 (0xFF65B8C7)
YUV	160.8930, 18.7868, -52.5262
Hunter-Lab	64.1648, -20.9972, -10.7573

Details

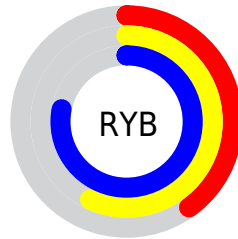
The Decimal color **6666439** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13071461**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **10416383**, and **2655121** is the 20% darker color. If you saturate the color by 10%, you get **5354951**, and if you desaturate by 10%, it is **7977927**.

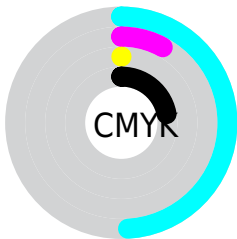
Distribution



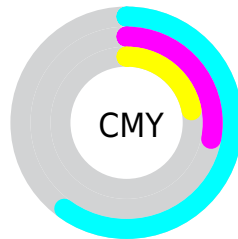
- Red (40%)
- Green (72%)
- Blue (78%)



- Red (40%)
- Yellow (57%)
- Blue (78%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6666439 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 6666439 by changing the saturation by 10% instead.



6666439



6666439

16777215



4758956



10416383



2655121



12320767



26999



14221311



20831



16121855



14919



9265



1052



0



6666439



6666439

■ 5354951

■ 7977927

■ 4043463

■ 9289415

■ 2731975

■ 10600903

■ 1420487

■ 11912391

■ 108999

■ 13223879

■ 43463

■ 14469831

■ 15781319

■ 16765127

■ 16765895

Harmonies

Analogous

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



7125424



6666439



7779543

Triad

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



6666439



13606336



12102780

Complementary

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



6666439



13071461

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.



13542529



6666439



14391976

Square

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



6666439



11969746



14327185



10400645

Rectangle

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



6666439



9088987



14327185



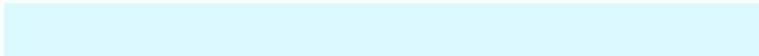
12626301

Sweetspot

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



6666439



14285311



6670196



6913152



0



8421504

Same Dimension

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



6666439



6940927



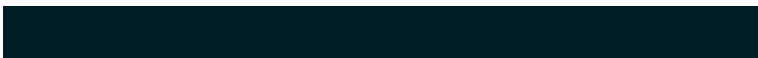
6653895



5923427



35491



7716

Inverse Universe

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



13067704



16738792



13084005



6511202



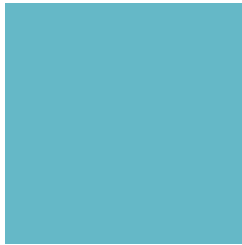
10682506



2359326

Previews

White Background



This preview shows how the Decimal color 6666439 looks on a white background.

Color Contrast Check

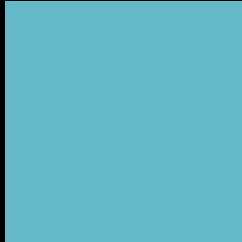
Large Text (above 18pt) WCAG AA × Fail

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 6666439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

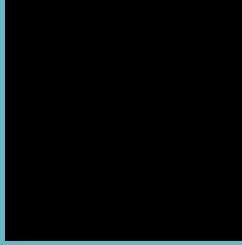
Any Text WCAG AA ✓ Pass

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 6666439 Background



This preview shows how black text looks on a background with the Decimal color 6666439.



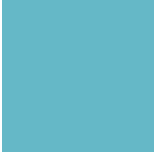
This preview shows how white text looks on a background with the Decimal color 6666439.

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
6666439

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6666439 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 #65B8C7 looks like.

```
.text, #text, p{  
    color:#65B8C7  
}
```

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 #65B8C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65B8C7
}
```

Border

The CSS property to change the border of an element to Decimal 6666439 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
#65B8C7 }
```

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

```
.border{ border-color:#65B8C7 }
```

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

Here you see how a box with a 4 pixel #65B8C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65B8C7; -webkit-box-shadow:4px 4px  
4px 4px #65B8C7; box-shadow:4px 4px 4px  
4px #65B8C7 }
```

Background

The CSS property to change the background color of an element to Decimal 6666439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65B8C7 }
```

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

```
.background{ background-color:#65B8C7 }
```

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