

Converting Colors

Decimal(7463364)

Have a look what the booklet for
Decimal(7463364) contains.

Decimal(7463364)	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(7463364)

Conversions

Conversions Part 1

Format	Color
Hex	71E1C4
RGB	113, 225, 196
RGB Percent	44%, 88%, 77%
CMY	0.5569, 0.1176, 0.2314
CMYK	0.50, 0.00, 0.13, 0.12
HSL	164°, 65%, 66%
HSV	164°, 50%, 88%
XYZ	43.6991, 61.3467, 61.7625
YIQ	188.2060, -57.4430, -32.7630

Conversions

Conversions Part 2

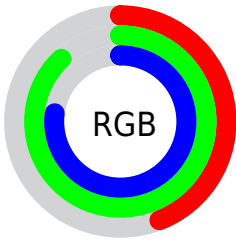
Format	Color
RYB	113, 177, 225
Decimal	7463364
CIELab	82.56, -38.94, 4.38
CIELCh	83, 39.188, 173.582
Yxy	61.3467, 0.2620, 0.3678
Android (android.graphics.Color)	4285653444 (0xFF71E1C4)
YUV	188.2060, 3.8424, -65.9557
Hunter-Lab	78.3241, -37.4774, 8.0738

Details

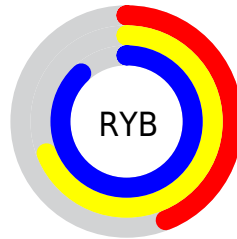
The Decimal color **7463364** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14774670**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **11272189**, and **3385742** is the 20% darker color. If you saturate the color by 10%, you get **6021566**, and if you desaturate by 10%, it is **8970698**.

Distribution



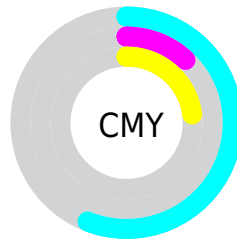
- Red (44%)
- Green (88%)
- Blue (77%)



- Red (44%)
- Yellow (69%)
- Blue (88%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)

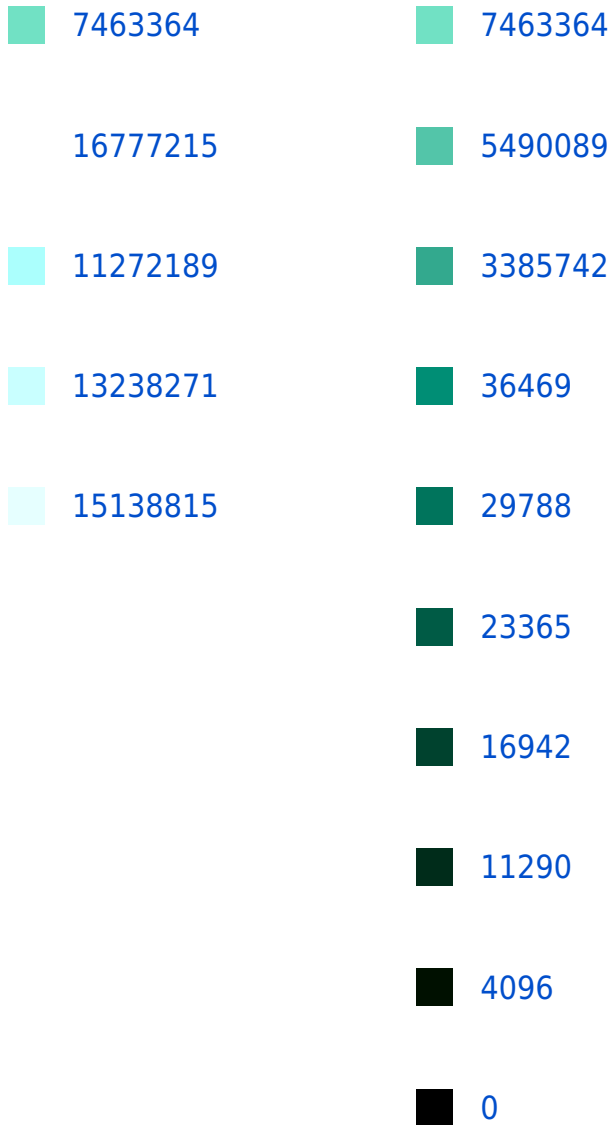


- Cyan (56%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7463364 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 7463364 by changing the saturation by 10% instead.



 7463364


 7463364

 6021566

 8970698

 4514232

 10412496

 3072435

 11854293

 1565101

 13361627

 123303

 14803425

 57767

 16310759

 16769517

 16769523

 16769528

Harmonies

Analogous

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



10411425



7463364



5038570

Triad

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



7463364



13092863



16759956

Complementary

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



7463364



14774670

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.



16757682



7463364



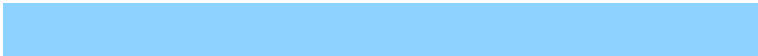
16104186

Square

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



7463364



9360383



16757463



15649156

Rectangle

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



7463364



5103615



16757463



16758940

Sweetspot

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



7463364



14286837



9429361



6914170



0



8421504

Same Dimension

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



7463364



6750167



7456737



6647917



45186



12324

Inverse Universe

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



14774670



16737934



14781297



7365992



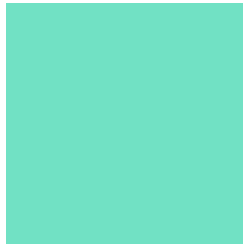
11534382



3145741

Previews

White Background



This preview shows how the Decimal color 7463364 looks on a white background.

Color Contrast Check

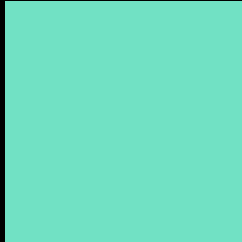
Large Text (above 18pt) WCAG AA × Fail

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 7463364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

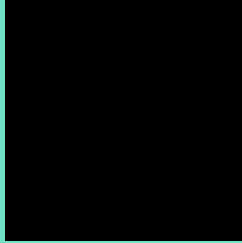
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

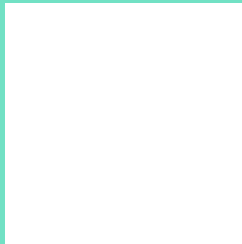
Any Text WCAG AAA ✓ Pass

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

Decimal 7463364 Background



This preview shows how black text looks on a background with the Decimal color 7463364.



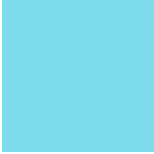
This preview shows how white text looks on a background with the Decimal color 7463364.

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





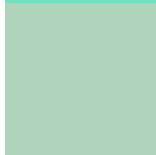
Tritanopia
8248301

Trichromacy



Original Color

7463364



Protanomaly

11588540



Deuteranomaly

12112072



Tritanomaly

7986654

Monochromacy



Original Color

7463364



Achromatopsia

12369084



Achromatomaly

10602943

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7463364 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 #71E1C4 looks like.

```
.text, #text, p{  
    color:#71E1C4  
}
```

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 #71E1C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E1C4
}
```

Border

The CSS property to change the border of an element to Decimal 7463364 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
#71E1C4 }
```

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

```
.border{ border-color:#71E1C4 }
```

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

Here you see how a box with a 4 pixel #71E1C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E1C4; -webkit-box-shadow:4px 4px  
4px 4px #71E1C4; box-shadow:4px 4px 4px  
4px #71E1C4 }
```

Background

The CSS property to change the background color of an element to Decimal 7463364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E1C4 }
```

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

```
.background{ background-color:#71E1C4 }
```

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