

Converting Colors

Decimal(6215659)

Have a look what the booklet for
Decimal(6215659) contains.

Decimal(6215659)	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(6215659)

Conversions

Conversions Part 1

Format	Color
Hex	5ED7EB
RGB	94, 215, 235
RGB Percent	37%, 84%, 92%
CMY	0.6314, 0.1569, 0.0784
CMYK	0.60, 0.09, 0.00, 0.08
HSL	189°, 78%, 65%
HSV	189°, 60%, 92%
XYZ	43.9119, 56.9787, 87.2809
YIQ	181.1010, -78.5360, -19.4320

Conversions

Conversions Part 2

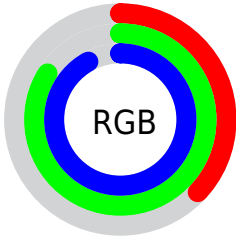
Format	Color
RYB	94, 159, 235
Decimal	6215659
CIELab	80.17, -27.98, -19.98
CIElCh	80, 34.386, 215.527
Yxy	56.9787, 0.2334, 0.3028
Android (android.graphics.Color)	4284405739 (0xFF5ED7EB)
YUV	181.1010, 26.5722, -76.3876
Hunter-Lab	75.4842, -28.2575, -15.7168

Details

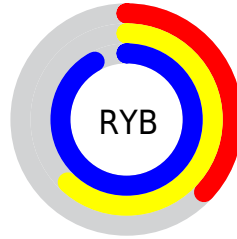
The Decimal color **6215659** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **15430238**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **10289151**, and **41139** is the 20% darker color. If you saturate the color by 10%, you get **4707563**, and if you desaturate by 10%, it is **7789291**.

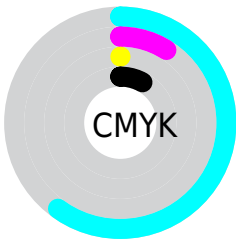
Distribution



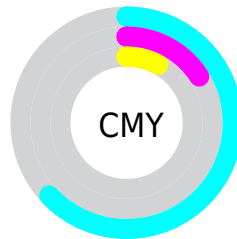
- Red (37%)
- Green (84%)
- Blue (92%)



- Red (37%)
- Yellow (62%)
- Blue (92%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (63%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6215659 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 6215659 by changing the saturation by 10% instead.

6215659

6215659

16777215

3914703

10289151

41139

12320767

34200

14286847

27774

16318463

21349

15437

9783

802

7

■ 6215659

■ 6215659

■ 4707563

■ 7789291

■ 3133675

■ 9297643

■ 1560043

■ 10805739

■ 51947

■ 12379371

■ 13887723

■ 15461355

■ 16772843

■ 16773867

■ 16774635

Harmonies

Analogous

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



7133644



6215659



7852543

Triad

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



6215659



16102370



14141319

Complementary

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



6215659



15430238

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.



16039053



6215659



16756674

Square

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



6215659



13876475



16757667



11915410

Rectangle

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



6215659



9817087



16757667



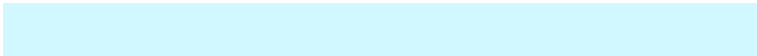
14861191

Sweetspot

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



6215659



13760767



6220657



6519936



0



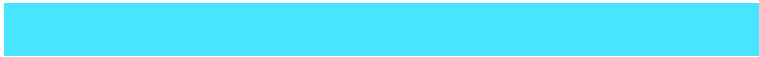
8421504

Same Dimension

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



6215659



4711935



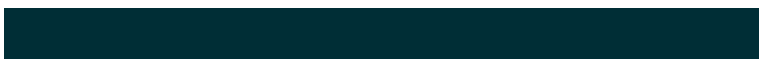
6197995



6976629



39861



11830

Inverse Universe

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



15425239



16730085



15447902



7694964



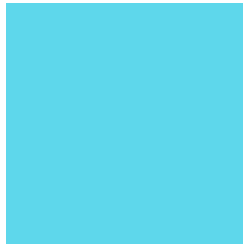
11862171



3538990

Previews

White Background



This preview shows how the Decimal color 6215659 looks on a white background.

Color Contrast Check

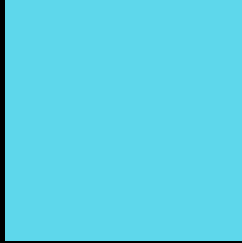
Large Text (above 18pt) WCAG AA × Fail

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 6215659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

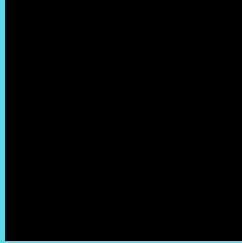
Any Text WCAG AA ✓ Pass

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 6215659 Background



This preview shows how black text looks on a background with the Decimal color 6215659.



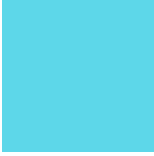
This preview shows how white text looks on a background with the Decimal color 6215659.

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
6150121

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6215659 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 #5ED7EB looks like.

```
.text, #text, p{  
    color:#5ED7EB  
}
```

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 #5ED7EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED7EB
}
```

Border

The CSS property to change the border of an element to Decimal 6215659 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
#5ED7EB }
```

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

```
.border{ border-color:#5ED7EB }
```

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

Here you see how a box with a 4 pixel #5ED7EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED7EB; -webkit-box-shadow:4px 4px  
4px 4px #5ED7EB; box-shadow:4px 4px 4px  
4px #5ED7EB }
```

Background

The CSS property to change the background color of an element to Decimal 6215659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED7EB }
```

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

```
.background{ background-color:#5ED7EB }
```

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