

Converting Colors

Decimal(6864609)

Have a look what the booklet for
Decimal(6864609) contains.

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Color

Decimal(6864609)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 68BEE1 |
| RGB | 104, 190, 225 |
| RGB Percent | 41%, 75%, 88% |
| CMY | 0.5922, 0.2549, 0.1176 |
| CMYK | 0.54, 0.16, 0.00, 0.12 |
| HSL | 197°, 67%, 65% |
| HSV | 197°, 54%, 88% |
| XYZ | 37.7130, 45.2062, 77.9721 |
| YIQ | 168.2760, -62.4910, -7.3470 |

Conversions

Conversions Part 2

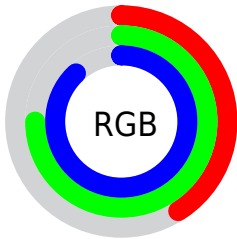
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 104, 154, 225 |
| Decimal | 6864609 |
| CIELab | 73.03, -16.33, -25.44 |
| CIElCh | 73, 30.226, 237.306 |
| Yxy | 45.2062, 0.2344, 0.2810 |
| Android (android.graphics.Color) | 4285054689 (0xFF68BEE1) |
| YUV | 168.2760, 27.9649, -56.3701 |
| Hunter-Lab | 67.2356, -17.5401, -21.6929 |

Details

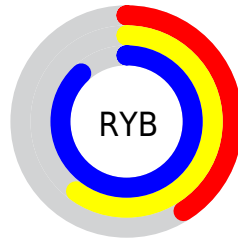
The Decimal color **6864609** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **14781288**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **10745599**, and **2525610** is the 20% darker color. If you saturate the color by 10%, you get **5421025**, and if you desaturate by 10%, it is **8308193**.

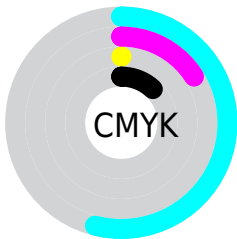
Distribution



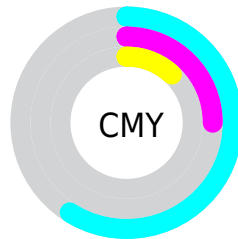
- Red (41%)
- Green (75%)
- Blue (88%)



- Red (41%)
- Yellow (60%)
- Blue (88%)



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

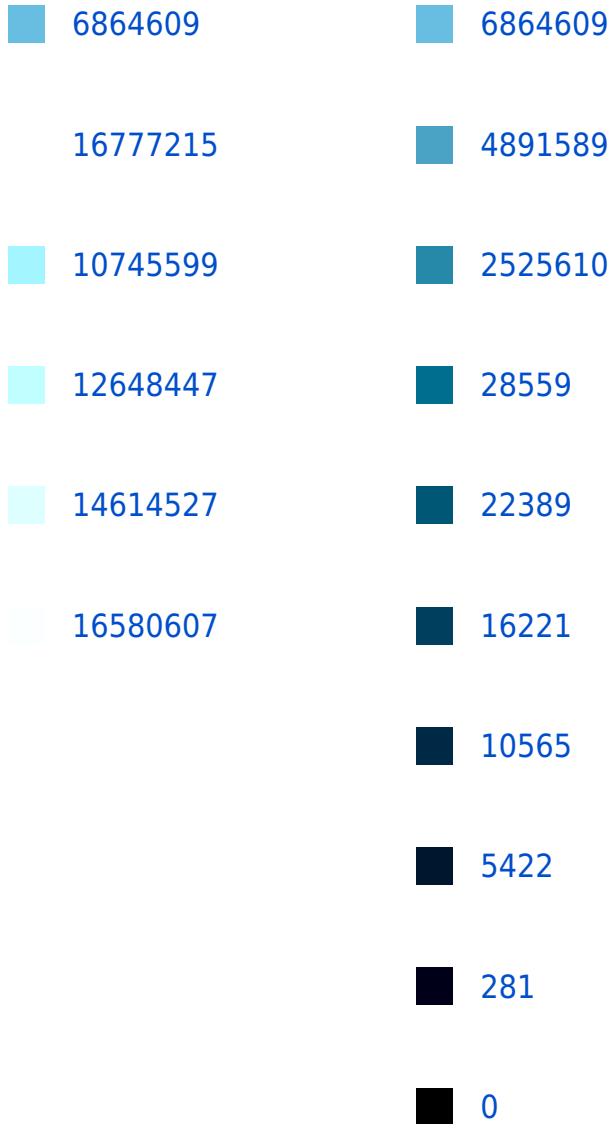


- Cyan (59%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6864609 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 6864609 by changing the saturation by 10% instead.



■ 6864609

■ 6864609

■ 5421025

■ 8308193

■ 3912161

■ 9817057

■ 2468577

■ 11326177

■ 959713

■ 12769505

■ 41185

■ 14278625

■ 15721953

■ 16772321

■ 16773857

■ 16775649

Harmonies

Analogous

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



6079180



6864609



9222122

Triad

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



6864609



15179703



11319682

Complementary

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



6864609



14781288

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.



13218172



6864609



15376539

Square

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



6864609



13935826



14657414



9224085

Rectangle

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



6864609



10989800



14657414



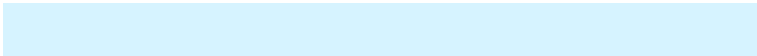
11974526

Sweetspot

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



6864609



14087167



6873482



6781056



0



8421504

Same Dimension

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



6864609



5885951



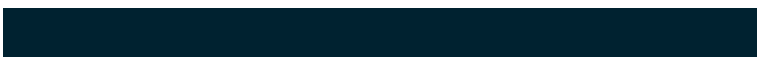
6849249



6647152



32176



8752

Inverse Universe

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



14772414



16734671



14796648



7365997



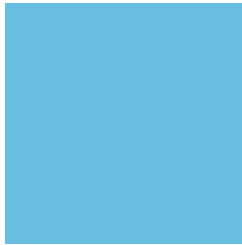
11534461



3145762

Previews

White Background



This preview shows how the Decimal color 6864609 looks on a white background.

Color Contrast Check

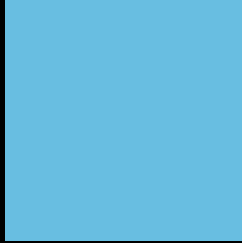
Large Text (above 18pt) WCAG AA × Fail

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 6864609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

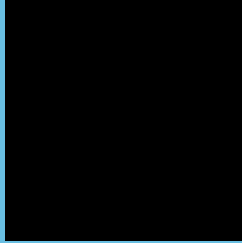
Any Text WCAG AA ✓ Pass

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 6864609 Background



This preview shows how black text looks on a background with the Decimal color 6864609.



This preview shows how white text looks on a background with the Decimal color 6864609.

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
6472144

Trichromacy



Original Color
6864609



Protanomaly
9615067



Deuteranomaly
9549027



Tritanomaly
6602966

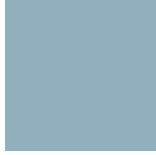
Monochromacy



Original Color
6864609



Achromatopsia
11053224



Achromatomaly
9547965

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6864609 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 #68BEE1 looks like.

```
.text, #text, p{  
    color:#68BEE1  
}
```

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 #68BEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BEE1
}
```

Border

The CSS property to change the border of an element to Decimal 6864609 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
#68BEE1 }
```

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

```
.border{ border-color:#68BEE1 }
```

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

Here you see how a box with a 4 pixel #68BEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BEE1; -webkit-box-shadow:4px 4px  
4px 4px #68BEE1; box-shadow:4px 4px 4px  
4px #68BEE1 }
```

Background

The CSS property to change the background color of an element to Decimal 6864609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BEE1 }
```

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

```
.background{ background-color:#68BEE1 }
```

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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