

Converting Colors

Decimal(6465729)

Have a look what the booklet for
Decimal(6465729) contains.

Decimal(6465729)	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(6465729)

Conversions

Conversions Part 1

Format	Color
Hex	62A8C1
RGB	98, 168, 193
RGB Percent	38%, 66%, 76%
CMY	0.6157, 0.3412, 0.2431
CMYK	0.49, 0.13, 0.00, 0.24
HSL	196°, 43%, 57%
HSV	196°, 49%, 76%
XYZ	28.6653, 34.4522, 55.5912
YIQ	149.9200, -49.7450, -7.0650

Conversions

Conversions Part 2

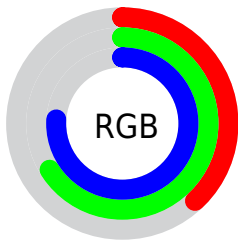
Format	Color
R_{YB}	98, 138, 193
Decimal	6465729
CIE _{Lab}	65.32, -15.21, -19.64
CIE _{LCh}	65, 24.843, 232.249
Yxy	34.4522, 0.2415, 0.2902
Android (android.graphics.Color)	4284655809 (0xFF62A8C1)
YUV	149.9200, 21.2384, -45.5338
Hunter-Lab	58.6960, -15.5442, -15.0666

Details

The Decimal color **6465729** is a light color, and the websafe version is hex **669999**. A complement of this color would be **12680034**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **10149881**, and **2585739** is the 20% darker color. If you saturate the color by 10%, you get **5219265**, and if you desaturate by 10%, it is **7712193**.

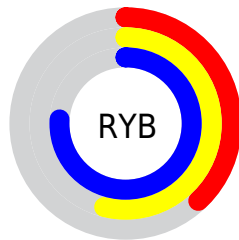
Distribution



Red (38%)

Green (66%)

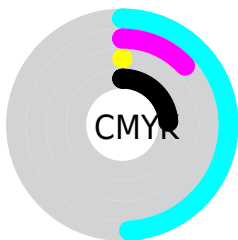
Blue (76%)



Red (38%)

Yellow (54%)

Blue (76%)

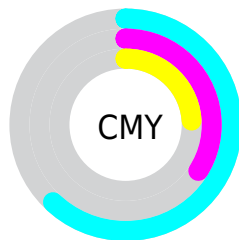


Cyan (49%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (62%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6465729 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 6465729 by changing the saturation by 10% instead.



6465729



6465729

16777215



4624038



10149881



2585739



11992319



23410



13893631



17497



15859711



11586



6700



279



0



6465729



6465729

■ 5219265

■ 7712193

■ 3907265

■ 9024193

■ 2660801

■ 10270657

■ 1414337

■ 11517121

■ 167873

■ 12829121

■ 36545

■ 14075585

■ 15322305

■ 16568769

■ 16766657

Harmonies

Analogous

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



6138799



6465729



8102602

Triad

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



6465729



13078437



10330741

Complementary

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



6465729



1268034

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.



11836275



6465729



13406095

Square

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



6465729



11965370



12948604



8693891

Rectangle

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



6465729



9477834



12948604



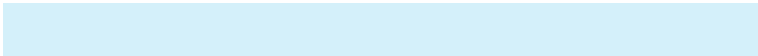
10854515

Sweetspot

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



6465729



13955322



6472058



6715261



16579836



8224125

Same Dimension

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



6465729



6738938



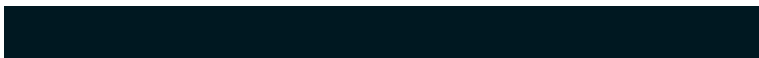
6453953



5725793



30369



6177

Inverse Universe

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



12673704



16410323



12691810



6379358



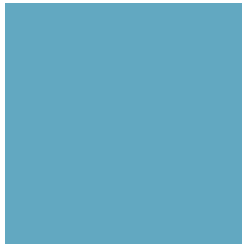
10551414



2162712

Previews

White Background



This preview shows how the Decimal color 6465729 looks on a white background.

Color Contrast Check

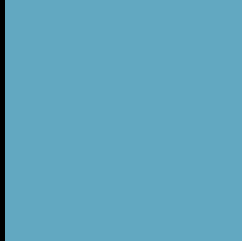
Large Text (above 18pt) WCAG AA × Fail

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 6465729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

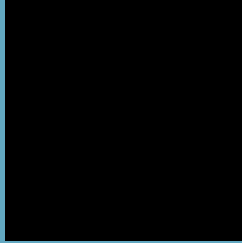
Any Text WCAG AA ✓ Pass

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 6465729 Background



This preview shows how black text looks on a background with the Decimal color 6465729.

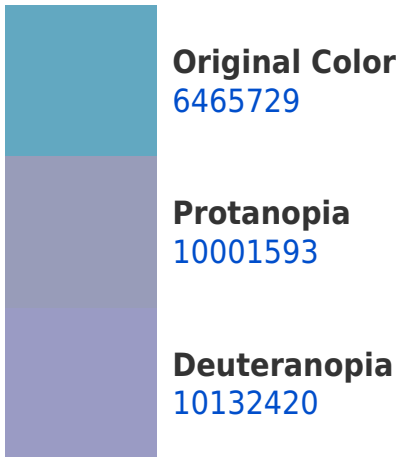



This preview shows how white text looks on a background with the Decimal color 6465729.

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](#).

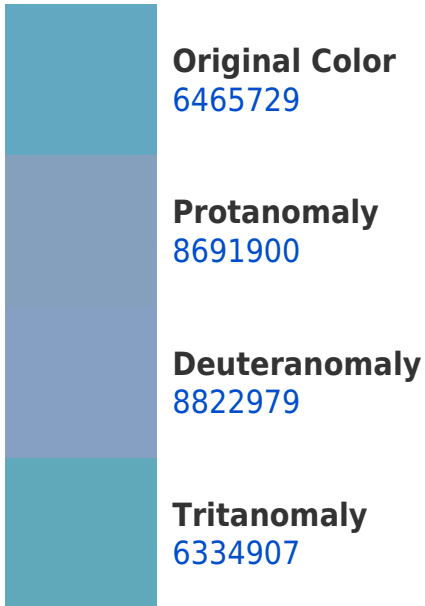
Dichromacy





Tritanopia
6269623

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6465729 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 #62A8C1 looks like.

```
.text, #text, p{  
    color:#62A8C1  
}
```

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 #62A8C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A8C1
}
```

Border

The CSS property to change the border of an element to Decimal 6465729 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
#62A8C1 }
```

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

```
.border{ border-color:#62A8C1 }
```

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

Here you see how a box with a 4 pixel #62A8C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A8C1; -webkit-box-shadow:4px 4px  
4px 4px #62A8C1; box-shadow:4px 4px 4px  
4px #62A8C1 }
```

Background

The CSS property to change the background color of an element to Decimal 6465729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A8C1 }
```

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

```
.background{ background-color:#62A8C1 }
```

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