

Converting Colors

Decimal(6022129)

Have a look what the booklet for
Decimal(6022129) contains.

Decimal(6022129)	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(6022129)

Conversions

Conversions Part 1

Format	Color
Hex	5BE3F1
RGB	91, 227, 241
RGB Percent	36%, 89%, 95%
CMY	0.6431, 0.1098, 0.0549
CMYK	0.62, 0.06, 0.00, 0.05
HSL	186°, 84%, 65%
HSV	186°, 62%, 95%
XYZ	47.6607, 63.5132, 92.9664
YIQ	187.9320, -85.5500, -24.4780

Conversions

Conversions Part 2

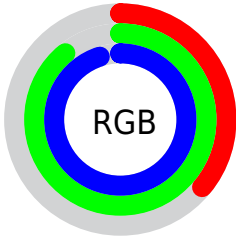
Format	Color
R _Y B	91, 162, 241
Decimal	6022129
CIE Lab	83.71, -32.56, -17.82
CIE LCh	84, 37.118, 208.692
Yxy	63.5132, 0.2335, 0.3111
Android (android.graphics.Color)	4284212209 (0xFF5BE3F1)
YUV	187.9320, 26.1625, -85.0094
Hunter-Lab	79.6952, -32.7169, -13.3766

Details

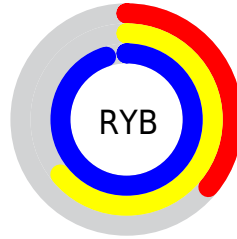
The Decimal color **6022129** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **15821147**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **10223615**, and **43961** is the 20% darker color. If you saturate the color by 10%, you get **4448753**, and if you desaturate by 10%, it is **7595505**.

Distribution



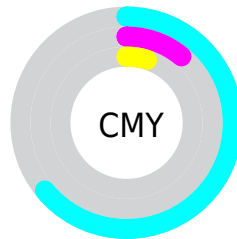
- Red (36%)
- Green (89%)
- Blue (95%)



- Red (36%)
- Yellow (64%)
- Blue (95%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (64%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6022129 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 6022129 by changing the saturation by 10% instead.

 6022129

 6022129

16777215

 3459029

 10223615

 43961

 12255231

 37022


 14286847

 30340

 16318463

 23915

 17746

 11835

 5926

 272

■ 6022129

■ 6022129

■ 4448753

■ 7595505

■ 2875377

■ 9168881

■ 1301745

■ 10742513

■ 56305

■ 12315889

■ 13889265

■ 15528177

■ 16774129

■ 16774641

■ 16775153

Harmonies

Analogous

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



7660750



6022129



7266047

Triad

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



6022129



16563702



15388299

Complementary

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



6022129



15821147

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.



16761494



6022129



16758484

Square

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



6022129



13879551



16759217



13031826

Rectangle

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



6022129



9361663



16759217



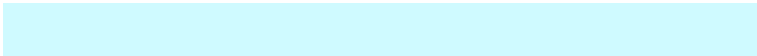
16108172

Sweetspot

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



6022129



13630207



6025575



6454656



0



8421504

Same Dimension

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



6022129



4255231



6003441



7108472



42680



13112

Inverse Universe

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



15817699



16728301



15840091



7892087



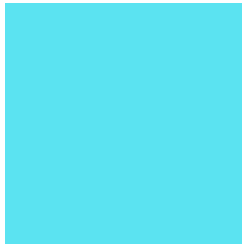
12058790



3670067

Previews

White Background



This preview shows how the Decimal color 6022129 looks on a white background.

Color Contrast Check

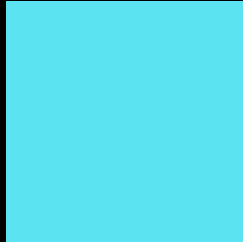
Large Text (above 18pt) WCAG AA × Fail

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 6022129 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 6022129 Background



This preview shows how black text looks on a background with the Decimal color 6022129.



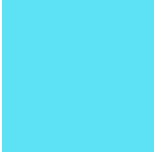
This preview shows how white text looks on a background with the Decimal color 6022129.

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



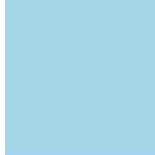


Tritanopia
6152949

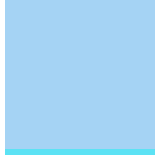
Trichromacy



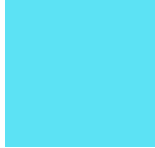
Original Color
6022129



Protanomaly
10802920



Deuteranomaly
10867700

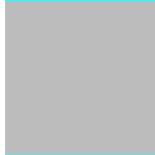


Tritanomaly
6087412

Monochromacy



Original Color
6022129



Achromatopsia
12369084



Achromatomaly
10078927

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6022129 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 #5BE3F1 looks like.

```
.text, #text, p{  
    color:#5BE3F1  
}
```

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 #5BE3F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE3F1
}
```

Border

The CSS property to change the border of an element to Decimal 6022129 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
#5BE3F1 }
```

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

```
.border{ border-color:#5BE3F1 }
```

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

Here you see how a box with a 4 pixel #5BE3F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE3F1; -webkit-box-shadow:4px 4px  
4px 4px #5BE3F1; box-shadow:4px 4px 4px  
4px #5BE3F1 }
```

Background

The CSS property to change the background color of an element to Decimal 6022129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE3F1 }
```

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

```
.background{ background-color:#5BE3F1 }
```

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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