

Converting Colors

Decimal(6020086)

Have a look what the booklet for
Decimal(6020086) contains.

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Color

Decimal(6020086)

Conversions

Conversions Part 1

Format	Color
Hex	5BDBF6
RGB	91, 219, 246
RGB Percent	36%, 86%, 96%
CMY	0.6431, 0.1412, 0.0353
CMYK	0.63, 0.11, 0.00, 0.04
HSL	190°, 90%, 66%
HSV	190°, 63%, 96%
XYZ	46.2805, 59.5410, 96.2421
YIQ	183.8060, -84.9550, -18.7390

Conversions

Conversions Part 2

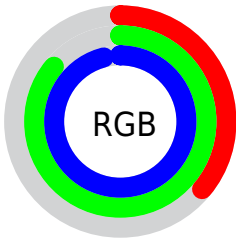
Format	Color
R _Y B	91, 161, 246
Decimal	6020086
CIE Lab	81.59, -27.28, -23.68
CIE LCh	82, 36.126, 220.966
Yxy	59.5410, 0.2290, 0.2947
Android (android.graphics.Color)	4284210166 (0xFF5BDBF6)
YUV	183.8060, 30.6616, -81.3909
Hunter-Lab	77.1628, -27.9748, -19.9361

Details

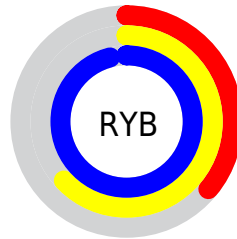
The Decimal color **6020086** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **16152155**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **10223615**, and **42174** is the 20% darker color. If you saturate the color by 10%, you get **4380662**, and if you desaturate by 10%, it is **7659510**.

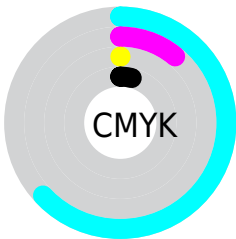
Distribution



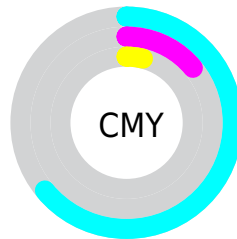
- Red (36%)
- Green (86%)
- Blue (96%)



- Red (36%)
- Yellow (63%)
- Blue (96%)



- Cyan (63%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6020086 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 6020086 by changing the saturation by 10% instead.

 6020086

 6020086

16777215

 3522521

 10223615

 42174

 12255231

 35235

 14286847

 28808

 16318463

 22383

 16214

 10559

 3369

 276

■ 6020086

■ 6020086

■ 4380662

■ 7659510

■ 2806518

■ 9233654

■ 1167094

■ 10873078

■ 52214

■ 12446966

■ 14086390

■ 15726070

■ 16775670

■ 16776694

■ 16777206

Harmonies

Analogous

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



6610390



6020086



8246527

Triad

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



6020086



16757986



14077320

Complementary

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



6020086



16152155

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.



16105867



6020086



16757183

Square

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



6020086



14663422



16758688



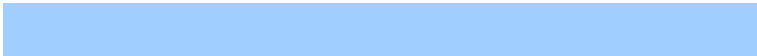
11589271

Rectangle

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



6020086



10473215



16758688



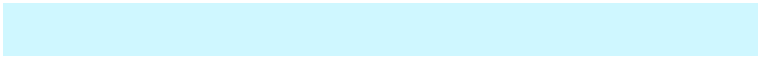
14797191

Sweetspot

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



6020086



13629439



6026869



6453888



0



8421504

Same Dimension

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



6020086



4054527



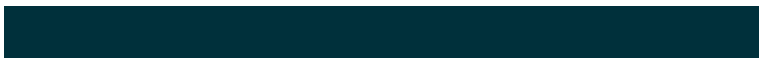
6000630



7239802



39610



12347

Inverse Universe

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



16145371



16727517



16171611



8023672



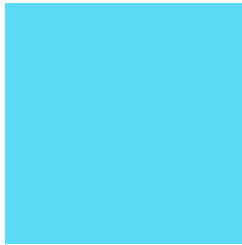
12189850



3866672

Previews

White Background



This preview shows how the Decimal color 6020086 looks on a white background.

Color Contrast Check

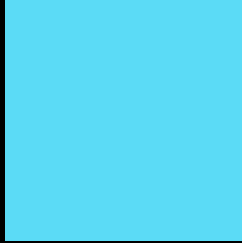
Large Text (above 18pt) WCAG AA × Fail

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 6020086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

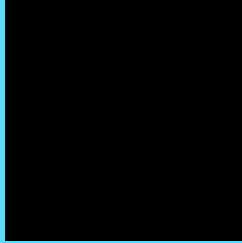
Any Text WCAG AA ✓ Pass

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 6020086 Background



This preview shows how black text looks on a background with the Decimal color 6020086.



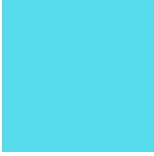
This preview shows how white text looks on a background with the Decimal color 6020086.

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



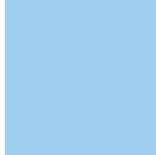


Tritanopia
5758190

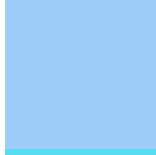
Trichromacy



Original Color
6020086



Protanomaly
10342382



Deuteranomaly
10407417

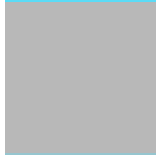


Tritanomaly
5823729

Monochromacy



Original Color
6020086



Achromatopsia
12105912



Achromatomaly
9881039

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6020086 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 #5BDBF6 looks like.

```
.text, #text, p{  
    color:#5BDBF6  
}
```

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 #5BDBF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BDBF6  
}
```

Border

The CSS property to change the border of an element to Decimal 6020086 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  
#5BDBF6 }
```

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

```
.border{ border-color:#5BDBF6 }
```

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

Here you see how a box with a 4 pixel #5BDBF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BDBF6; -webkit-box-shadow:4px 4px  
4px 4px #5BDBF6; box-shadow:4px 4px 4px  
4px #5BDBF6 }
```

Background

The CSS property to change the background color of an element to Decimal 6020086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BDBF6 }
```

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

```
.background{ background-color:#5BDBF6 }
```

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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