

Converting Colors

Decimal(6012898)

Have a look what the booklet for
Decimal(6012898) contains.

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Color

Decimal(6012898)

Conversions

Conversions Part 1

Format	Color
Hex	5BBFE2
RGB	91, 191, 226
RGB Percent	36%, 75%, 89%
CMY	0.6431, 0.2510, 0.1137
CMYK	0.60, 0.15, 0.00, 0.11
HSL	196°, 70%, 62%
HSV	196°, 60%, 89%
XYZ	36.6727, 44.9767, 78.7000
YIQ	165.0900, -70.8350, -10.3150

Conversions

Conversions Part 2

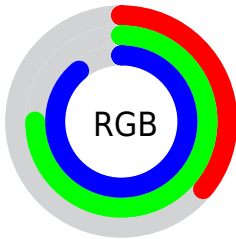
Format	Color
R _Y B	91, 148, 226
Decimal	6012898
CIE Lab	72.88, -19.09, -26.25
CIE LCh	73, 32.457, 233.982
Yxy	44.9767, 0.2287, 0.2805
Android (android.graphics.Color)	4284202978 (0xFF5BBFE2)
YUV	165.0900, 30.0286, -64.9769
Hunter-Lab	67.0647, -19.7550, -22.6312

Details

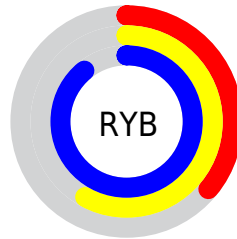
The Decimal color **6012898** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **14843483**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **10024959**, and **35243** is the 20% darker color. If you saturate the color by 10%, you get **4504034**, and if you desaturate by 10%, it is **7521762**.

Distribution



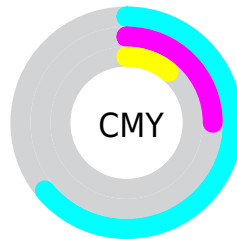
- Red (36%)
- Green (75%)
- Blue (89%)



- Red (36%)
- Yellow (58%)
- Blue (89%)



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)

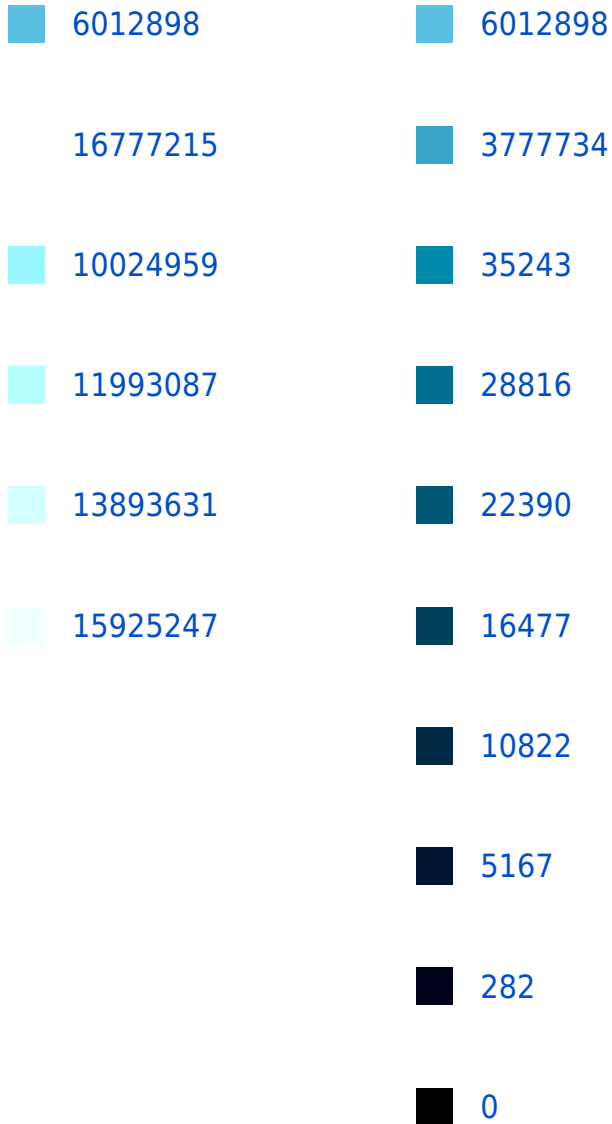


- Cyan (64%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6012898 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 6012898 by changing the saturation by 10% instead.



■ 6012898

■ 6012898

■ 4504034

■ 7521762

■ 3060706

■ 8965090

■ 1551842

■ 10473954

■ 108770

■ 11917026

■ 42978

■ 13425890

■ 14934754

■ 16378082

■ 16772834

■ 16774370

Harmonies

Analogous

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



5424074



6012898



8567021

Triad

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



6012898



15310266



11516028

Complementary

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



6012898



14843483

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.



13479800



6012898



15638172

Square

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



6012898



13870038



14984580



9289615

Rectangle

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



6012898



10531308



14984580



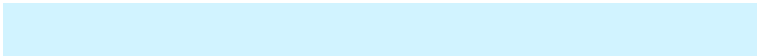
12236153

Sweetspot

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



6012898



13759487



6021757



6518912



0



8421504

Same Dimension

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



6012898



4706303



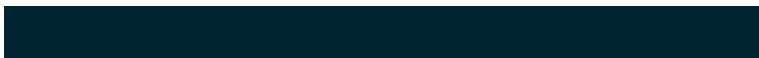
5996002



6647152



33456



9264

Inverse Universe

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



14834623



16730063



14860379



7365997



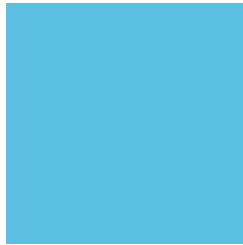
11534466



3145764

Previews

White Background



This preview shows how the Decimal color 6012898 looks on a white background.

Color Contrast Check

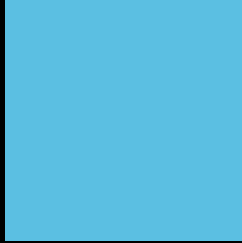
Large Text (above 18pt) WCAG AA × Fail

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 6012898 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 6012898 Background



This preview shows how black text looks on a background with the Decimal color 6012898.



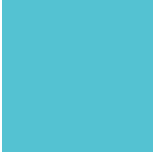
This preview shows how white text looks on a background with the Decimal color 6012898.

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
5554898

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6012898 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 #5BBFE2 looks like.

```
.text, #text, p{  
    color:#5BBFE2  
}
```

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 #5BBFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BBFE2
}
```

Border

The CSS property to change the border of an element to Decimal 6012898 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
#5BBFE2 }
```

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

```
.border{ border-color:#5BBFE2 }
```

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

Here you see how a box with a 4 pixel #5BBFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BBFE2; -webkit-box-shadow:4px 4px  
4px 4px #5BBFE2; box-shadow:4px 4px 4px  
4px #5BBFE2 }
```

Background

The CSS property to change the background color of an element to Decimal 6012898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BBFE2 }
```

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

```
.background{ background-color:#5BBFE2 }
```

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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