

Converting Colors

Decimal(6536189)

Have a look what the booklet for
Decimal(6536189) contains.

Decimal(6536189)	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(6536189)

Conversions

Conversions Part 1

Format	Color
Hex	63BBFD
RGB	99, 187, 253
RGB Percent	39%, 73%, 99%
CMY	0.6118, 0.2667, 0.0078
CMYK	0.61, 0.26, 0.00, 0.01
HSL	206°, 97%, 69%
HSV	206°, 61%, 99%
XYZ	40.6455, 45.2851, 99.5272
YIQ	168.2120, -73.6340, 1.8700

Conversions

Conversions Part 2

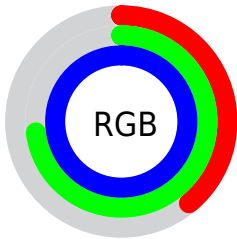
Format	Color
R_{YB}	99, 155, 253
Decimal	6536189
CIE Lab	73.08, -7.26, -40.51
CIE LCh	73, 41.160, 259.837
Yxy	45.2851, 0.2192, 0.2442
Android (android.graphics.Color)	4284726269 (0xFF63BBFD)
YUV	168.2120, 41.8005, -60.6989
Hunter-Lab	67.2942, -9.9514, -40.5831

Details

The Decimal color **6536189** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16622947**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **10613759**, and **755396** is the 20% darker color. If you saturate the color by 10%, you get **4894973**, and if you desaturate by 10%, it is **8177405**.

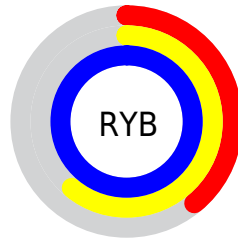
Distribution



Red (39%)

Green (73%)

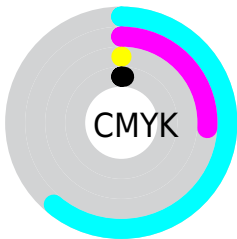
Blue (99%)



Red (39%)

Yellow (61%)

Blue (99%)

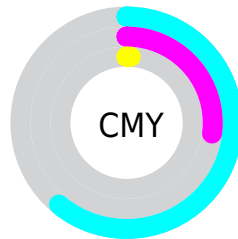


Cyan (61%)

Magenta (26%)

Yellow (0%)

Black (1%)



Cyan (61%)

Magenta (27%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6536189 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 6536189 by changing the saturation by 10% instead.

■ 6536189

■ 6536189

16777215

■ 4301024

■ 10613759

■ 755396

■ 12582911

■ 28073

■ 14548991

■ 21902

■ 16580607

■ 15988

■ 10331

■ 5187

■ 812

■ 279

■ 6536189

■ 6536189

■ 4894973

■ 8177405

■ 3188221

■ 9884157

■ 1547005

■ 11525373

■ 37373

■ 13166333

■ 14873085

■ 16514301

16777213

Harmonies

Analogous

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



50412



6536189



10858234

Triad

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



6536189



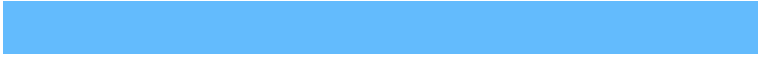
16619420



8897153

Complementary

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



6536189



16622947

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.



11778411



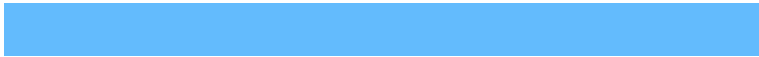
6536189



15900795

Square

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



6536189



16029634



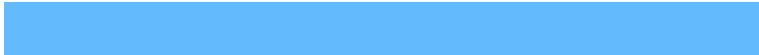
14134633



5556133

Rectangle

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



6536189



13149677



14134633



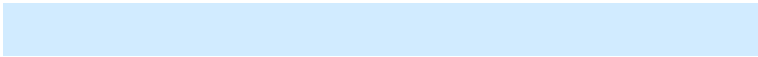
9944952

Sweetspot

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



6536189



13757439



6552995



6517632



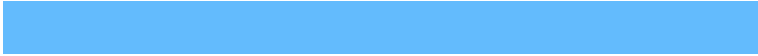
0



8421504

Same Dimension

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



6536189



4567039



6516989



7568000



28095



9280

Inverse Universe

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



16606139



16729519



16642147



8418170



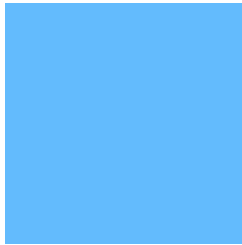
12517485



4194340

Previews

White Background



This preview shows how the Decimal color 6536189 looks on a white background.

Color Contrast Check

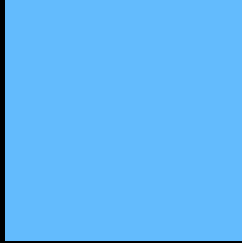
Large Text (above 18pt) WCAG AA × Fail

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 6536189 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

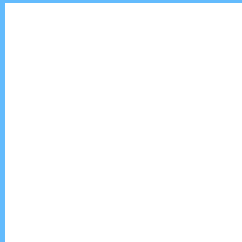
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6536189 Background



This preview shows how black text looks on a background with the Decimal color 6536189.



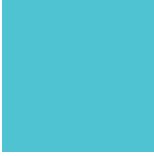
This preview shows how white text looks on a background with the Decimal color 6536189.

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



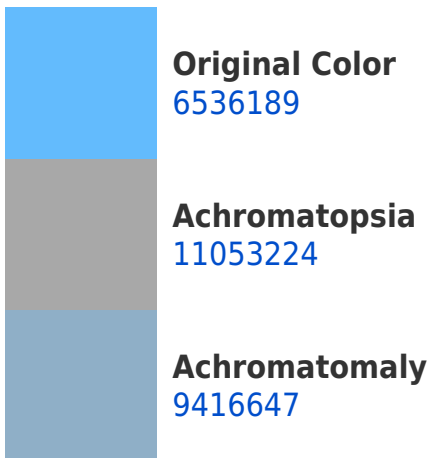


Tritanopia
5293011

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6536189 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 #63BBFD looks like.

```
.text, #text, p{  
    color:#63BBFD  
}
```

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 #63BBFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BBFD
}
```

Border

The CSS property to change the border of an element to Decimal 6536189 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
#63BBFD }
```

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

```
.border{ border-color:#63BBFD }
```

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

Here you see how a box with a 4 pixel #63BBFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BBFD; -webkit-box-shadow:4px 4px  
4px 4px #63BBFD; box-shadow:4px 4px 4px  
4px #63BBFD }
```

Background

The CSS property to change the background color of an element to Decimal 6536189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BBFD }
```

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

```
.background{ background-color:#63BBFD }
```

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