

Converting Colors

Decimal(6460139)

Have a look what the booklet for
Decimal(6460139) contains.

Decimal(6460139)	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(6460139)

Conversions

Conversions Part 1

Format	Color
Hex	6292EB
RGB	98, 146, 235
RGB Percent	38%, 57%, 92%
CMY	0.6157, 0.4275, 0.0784
CMYK	0.58, 0.38, 0.00, 0.08
HSL	219°, 77%, 65%
HSV	219°, 58%, 92%
XYZ	30.3113, 29.1526, 82.6267
YIQ	141.7940, -57.1770, 17.5030

Conversions

Conversions Part 2

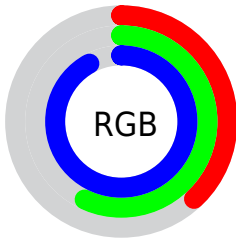
Format	Color
RYB	98, 134, 235
Decimal	6460139
CIELab	60.92, 10.07, -49.81
CIELCh	61, 50.819, 281.430
Yxy	29.1526, 0.2133, 0.2052
Android (android.graphics.Color)	4284650219 (0xFF6292EB)
YUV	141.7940, 45.9506, -38.4073
Hunter-Lab	53.9931, 5.7203, -52.9374

Details

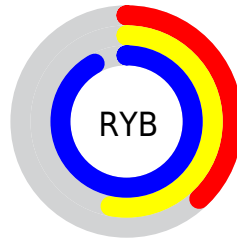
The Decimal color **6460139** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15448930**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **10406143**, and **1597619** is the 20% darker color. If you saturate the color by 10%, you get **4948971**, and if you desaturate by 10%, it is **8036843**.

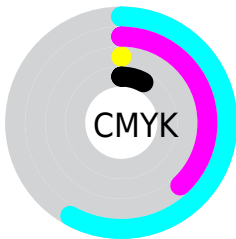
Distribution



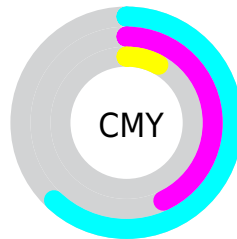
- Red (38%)
- Green (57%)
- Blue (92%)



- Red (38%)
- Yellow (53%)
- Blue (92%)



- Cyan (58%)
- Magenta (38%)
- Yellow (0%)
- Black (8%)



- Cyan (62%)
- Magenta (43%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6460139 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 6460139 by changing the saturation by 10% instead.

■ 6460139

■ 6460139

16777215

■ 4356558

■ 10406143

■ 1597619

■ 12313599

■ 18840

■ 14286847

■ 13181

■ 16252927

■ 8036

■ 1355

■ 1076

■ 542

■ 0

■ 6460139

■ 6460139

■ 4948971

■ 8036843

■ 3372011

■ 9548267

■ 1860843

■ 11124971

■ 284139

■ 12636139

■ 21227

■ 14212843

■ 15724267

■ 16776683

■ 16777195

Harmonies

Analogous

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



41192



6460139



11305175

Triad

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



6460139



14579290



1091445

Complementary

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



6460139



15448930

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.



7053644



6460139



12814140

Square

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



6460139



15101059



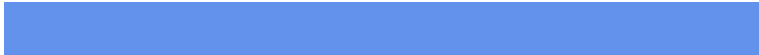
10262070



43427

Rectangle

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



6460139



13399487



10262070



4105830

Sweetspot

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



6460139



13951999



6482873



6713216



0



8421504

Same Dimension

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



6460139



5082111



7627499



6975093



16309



4918

Inverse Universe

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



15426194



16731531



14281570



7694958



11862079



3538963

Previews

White Background



This preview shows how the Decimal color 6460139 looks on a white background.

Color Contrast Check

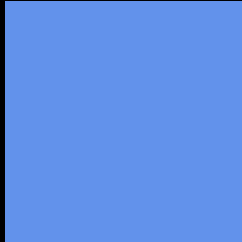
Large Text (above 18pt) WCAG AA ✓ Pass

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 6460139 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

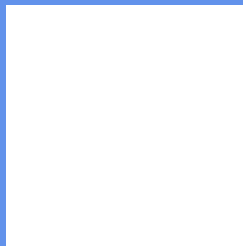
Any Text WCAG AAA × Fail

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

Decimal 6460139 Background



This preview shows how black text looks on a background with the Decimal color 6460139.



This preview shows how white text looks on a background with the Decimal color 6460139.

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



Original Color
6460139

Protanopia
7376873

Deuteranopia
6263787



Tritanopia
4759468

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6460139 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 #6292EB looks like.

```
.text, #text, p{  
    color:#6292EB  
}
```

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 #6292EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6292EB
}
```

Border

The CSS property to change the border of an element to Decimal 6460139 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
#6292EB }
```

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

```
.border{ border-color:#6292EB }
```

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

Here you see how a box with a 4 pixel #6292EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6292EB; -webkit-box-shadow:4px 4px  
4px 4px #6292EB; box-shadow:4px 4px 4px  
4px #6292EB }
```

Background

The CSS property to change the background color of an element to Decimal 6460139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6292EB }
```

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

```
.background{ background-color:#6292EB }
```

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