

Converting Colors

Decimal(6789821)

Have a look what the booklet for
Decimal(6789821) contains.

Decimal(6789821)	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(6789821)

Conversions

Conversions Part 1

Format	Color
Hex	679ABD
RGB	103, 154, 189
RGB Percent	40%, 60%, 74%
CMY	0.5961, 0.3961, 0.2588
CMYK	0.46, 0.19, 0.00, 0.26
HSL	204°, 39%, 57%
HSV	204°, 46%, 74%
XYZ	26.3344, 29.6689, 52.4828
YIQ	142.7410, -41.6310, 0.0730

Conversions

Conversions Part 2

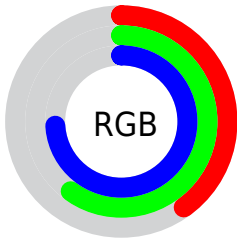
Format	Color
RYB	103, 135, 189
Decimal	6789821
CIELab	61.37, -7.52, -23.42
CIElCh	61, 24.599, 252.199
Yxy	29.6689, 0.2427, 0.2735
Android (android.graphics.Color)	4284979901 (0xFF679ABD)
YUV	142.7410, 22.8057, -34.8529
Hunter-Lab	54.4692, -9.0209, -18.9994

Details

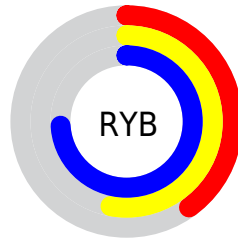
The Decimal color **6789821** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12421735**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **10408181**, and **3172232** is the 20% darker color. If you saturate the color by 10%, you get **5542589**, and if you desaturate by 10%, it is **8037053**.

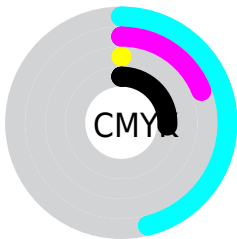
Distribution



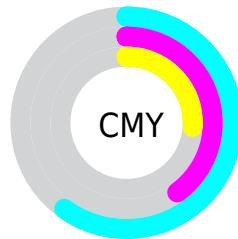
- Red (40%)
- Green (60%)
- Blue (74%)



- Red (40%)
- Yellow (53%)
- Blue (74%)



- Cyan (46%)
- Magenta (19%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (40%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6789821 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 6789821 by changing the saturation by 10% instead.



6789821



6789821

16777215



5013666



10408181



3172232



12250623



872302



14155775



14422



16056319



9022



3112



275



0



6789821



6789821

■ 5542589

■ 8037053

■ 4295613

■ 9284029

■ 3048381

■ 10531261

■ 1801149

■ 11778493

■ 554173

■ 13025469

■ 28861

■ 14207165

■ 15454397

■ 16701629

■ 16768957

Harmonies

Analogous

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



5480369



6789821



8754110

Triad

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



6789821



12616844



8559731

Complementary

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



6789821



12421735

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.



10196585



6789821



12421240

Square

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



6789821



12027554



11505259



6987654

Rectangle

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



6789821



10129081



11505259



9149039

Sweetspot

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



6789821



13887477



6798729



6713978



16448250



8026746

Same Dimension

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



6789821



7257845



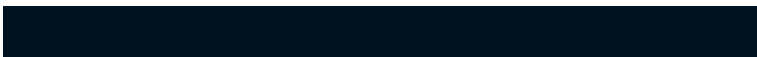
6779069



5593950



24222



4639

Inverse Universe

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



12412826



16084670



12432487



6182235



10354782



2031634

Previews

White Background



This preview shows how the Decimal color 6789821 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 6789821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

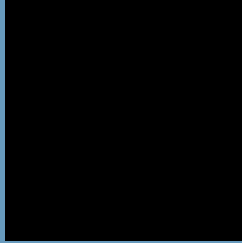
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

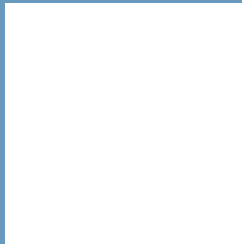
Any Text WCAG AAA × Fail

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

Decimal 6789821 Background



This preview shows how black text looks on a background with the Decimal color 6789821.



This preview shows how white text looks on a background with the Decimal color 6789821.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6789821 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 #679ABD looks like.

```
.text, #text, p{  
    color:#679ABD  
}
```

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 #679ABD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679ABD
}
```

Border

The CSS property to change the border of an element to Decimal 6789821 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
#679ABD }
```

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

```
.border{ border-color:#679ABD }
```

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

Here you see how a box with a 4 pixel #679ABD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679ABD; -webkit-box-shadow:4px 4px  
4px 4px #679ABD; box-shadow:4px 4px 4px  
4px #679ABD }
```

Background

The CSS property to change the background color of an element to Decimal 6789821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679ABD }
```

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

```
.background{ background-color:#679ABD }
```

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