

Converting Colors

Decimal(6719487)

Have a look what the booklet for
Decimal(6719487) contains.

Decimal(6719487)	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(6719487)

Conversions

Conversions Part 1

Format	Color
Hex	6687FF
RGB	102, 135, 255
RGB Percent	40%, 53%, 100%
CMY	0.6000, 0.4706, 0.0000
CMYK	0.60, 0.47, 0.00, 0.00
HSL	227°, 100%, 70%
HSV	227°, 60%, 100%
XYZ	32.1935, 27.3727, 98.1944
YIQ	138.8130, -58.1880, 30.3240

Conversions

Conversions Part 2

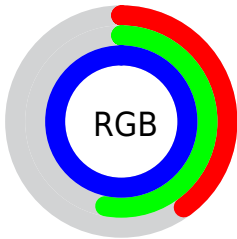
Format	Color
RYB	102, 129, 255
Decimal	6719487
CIELab	59.32, 23.89, -63.37
CIElCh	59, 67.724, 290.655
Yxy	27.3727, 0.2041, 0.1735
Android (android.graphics.Color)	4284909567 (0xFF6687FF)
YUV	138.8130, 57.2802, -32.2850
Hunter-Lab	52.3190, 18.2784, -74.6547

Details

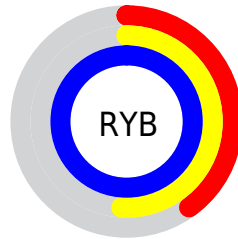
The Decimal color **6719487** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16768614**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **10796287**, and **1267397** is the 20% darker color. If you saturate the color by 10%, you get **5075967**, and if you desaturate by 10%, it is **8428543**.

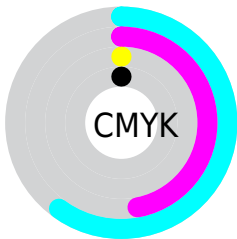
Distribution



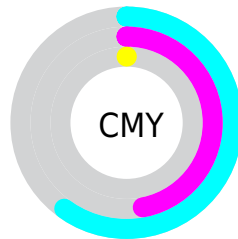
- Red (40%)
- Green (53%)
- Blue (100%)



- Red (40%)
- Yellow (51%)
- Blue (100%)



- Cyan (60%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6719487 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 6719487 by changing the saturation by 10% instead.

■ 6719487

■ 6719487

16777215

■ 4484834

■ 10796287

■ 1267397

■ 12769279

■ 16298

■ 14808319

■ 10895

■ 6260

■ 91

■ 1858

■ 811

■ 277

■ 6719487

■ 6719487

■ 5075967

■ 8428543

■ 3366911

■ 10072063

■ 1657855

■ 11781119

■ 14335

■ 13424639

■ 15133695

16777215

Harmonies

Analogous

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



39935



6719487



12872667

Triad

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



6719487



14904370



43386

Complementary

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



6719487



16768614

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.



3318589



6719487



12223744

Square

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



6719487



16274793



8689664



43703

Rectangle

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



6719487



15030968



8689664



43109

Sweetspot

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



6719487



13753343



6750174



6515328



0



8421504

Same Dimension

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



6719487



4681727



9529087



7566976



10687



3648

Inverse Universe

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



16737927



16729967



13959014



8418166



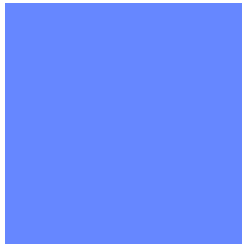
12517417



4194318

Previews

White Background



This preview shows how the Decimal color 6719487 looks on a white background.

Color Contrast Check

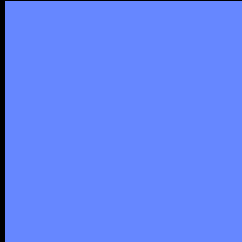
Large Text (above 18pt) WCAG AA ✓ Pass

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 6719487 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 6719487 Background



This preview shows how black text looks on a background with the Decimal color 6719487.



This preview shows how white text looks on a background with the Decimal color 6719487.

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](#).

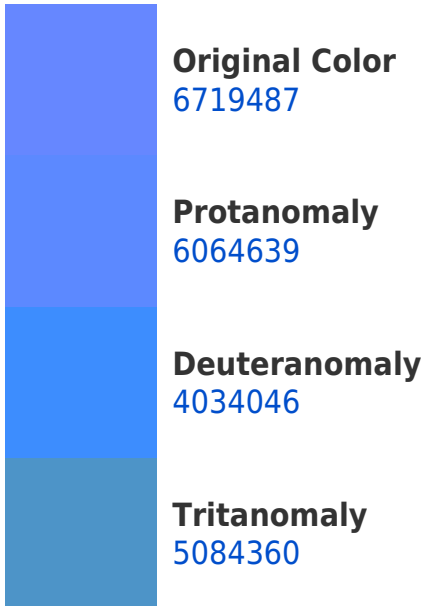
Dichromacy





Tritanopia
4103080

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6719487 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 #6687FF looks like.

```
.text, #text, p{  
    color:#6687FF  
}
```

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 #6687FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6687FF
}
```

Border

The CSS property to change the border of an element to Decimal 6719487 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
#6687FF }
```

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

```
.border{ border-color:#6687FF }
```

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

Here you see how a box with a 4 pixel #6687FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6687FF; -webkit-box-shadow:4px 4px  
4px 4px #6687FF; box-shadow:4px 4px 4px  
4px #6687FF }
```

Background

The CSS property to change the background color of an element to Decimal 6719487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6687FF }
```

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

```
.background{ background-color:#6687FF }
```

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