

Converting Colors

Decimal(15784959)

Have a look what the booklet for
Decimal(15784959) contains.

Decimal(15784959)	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(15784959)

Conversions

Conversions Part 1

Format	Color
Hex	F0DBFF
RGB	240, 219, 255
RGB Percent	94%, 86%, 100%
CMY	0.0588, 0.1412, 0.0000
CMYK	0.06, 0.14, 0.00, 0.00
HSL	275°, 100%, 93%
HSV	275°, 14%, 100%
XYZ	79.3167, 76.4083, 105.1756
YIQ	229.3830, 0.9600, 15.6480

Conversions

Conversions Part 2

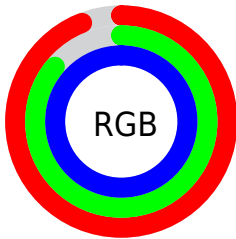
Format	Color
R _Y B	240, 219, 255
Decimal	15784959
CIE Lab	90.05, 13.63, -14.86
CIE LCh	90, 20.166, 312.528
Yxy	76.4083, 0.3040, 0.2929
Android (android.graphics.Color)	4293975039 (0xFFFF0DBFF)
YUV	229.3830, 12.6292, 9.3111
Hunter-Lab	87.4118, 8.9985, -10.1506

Details

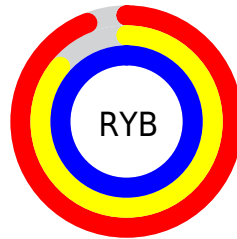
The Decimal color **15784959** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15400923**, and the grayscale version is **15066597**.

A 20% lighter version of the original color is **16777215**, and **12100806** is the 20% darker color. If you saturate the color by 10%, you get **15057663**, and if you desaturate by 10%, it is **16512255**.

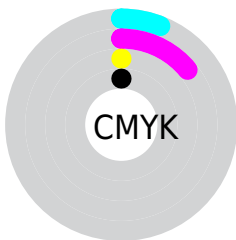
Distribution



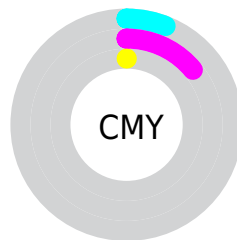
- Red (94%)
- Green (86%)
- Blue (100%)



- Red (94%)
- Yellow (86%)
- Blue (100%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15784959 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 15784959 by changing the saturation by 10% instead.

15784959

15784959

16777215

13942754

12100806

10324651

8614032

6903927

5324894

3811910

2364720

1114139

 15784959

 15784959

 15057663

 16512255

 14395647

16777215


 13668351

 12940799

 12278783

 11551487

 10889471

 10162175

 9765119

Harmonies

Analogous

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



14213631



15784959



16766703

Triad

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



15784959



16571838



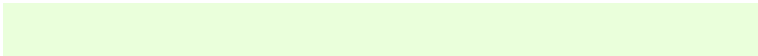
11726570

Complementary

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



15784959



15400923

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.



12578262



15784959



15328445

Square

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



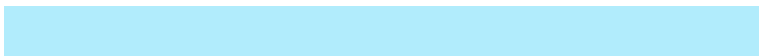
15784959



16767177



13887942



11660540

Rectangle

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



15784959



16766434



13887942



11923171

Sweetspot

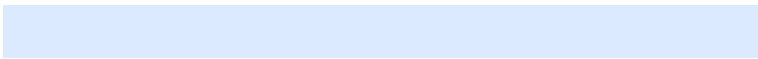
The Sweet Spot groups the original color and five complimentary colors.



15784959



16512511



14412543



8223104



0



8421504

Same Dimension

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



15784959



15586559



16767996



8024960



7340223



2424896

Inverse Universe

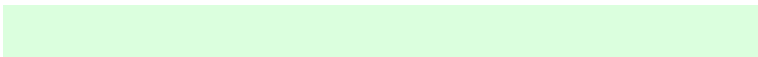
The Inverse Universe completely reimagines the original color for something new.



16767978



16766182



14417886



8418168



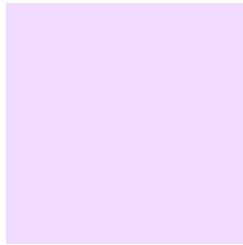
12517456



4194331

Previews

White Background



This preview shows how the Decimal color 15784959 looks on a white background.

Color Contrast Check

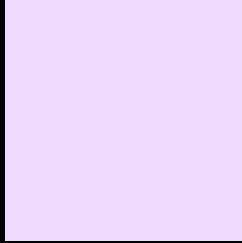
Large Text (above 18pt) WCAG AA × Fail

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 15784959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

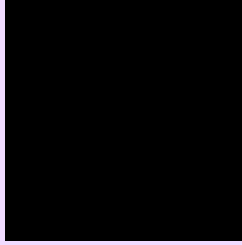
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

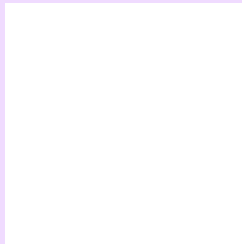
Any Text WCAG AAA ✓ Pass

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

Decimal 15784959 Background



This preview shows how black text looks on a background with the Decimal color 15784959.



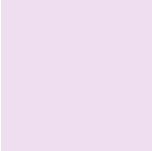
This preview shows how white text looks on a background with the Decimal color 15784959.

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
15654639

Trichromacy



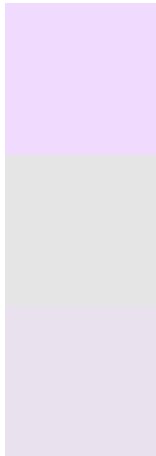
Original Color
15784959

Protanomaly
15065087

Deuteranomaly
15588607

Tritanomaly
15719925

Monochromacy



Original Color
15784959

Achromatopsia
15066597

Achromatomaly
15327726

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15784959 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 #F0DBFF looks like.

```
.text, #text, p{  
    color:#F0DBFF  
}
```

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 #F0DBFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0DBFF
}
```

Border

The CSS property to change the border of an element to Decimal 15784959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

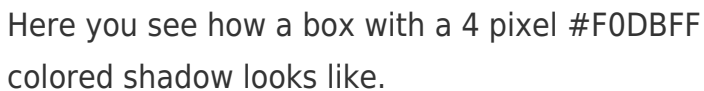
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F0DBFF }
```

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

```
.border{ border-color:#F0DBFF }
```

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



Here you see how a box with a 4 pixel #F0DBFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0DBFF; -webkit-box-shadow:4px 4px  
4px 4px #F0DBFF; box-shadow:4px 4px 4px  
4px #F0DBFF }
```

Background

The CSS property to change the background color of an element to Decimal 15784959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0DBFF }
```

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

```
.background{ background-color:#F0DBFF }
```

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