

Converting Colors

Decimal(15786231)

Have a look what the booklet for
Decimal(15786231) contains.

Decimal(15786231)	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(15786231)

Conversions

Conversions Part 1

Format	Color
Hex	F0E0F7
RGB	240, 224, 247
RGB Percent	94%, 88%, 97%
CMY	0.0588, 0.1216, 0.0314
CMYK	0.03, 0.09, 0.00, 0.03
HSL	282°, 59%, 92%
HSV	282°, 9%, 97%
XYZ	79.3793, 78.5520, 98.9740
YIQ	231.4060, 2.1530, 10.5450

Conversions

Conversions Part 2

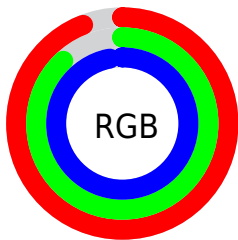
Format	Color
R_{YB}	240, 224, 247
Decimal	15786231
CIE _{Lab}	91.03, 9.52, -9.20
CIE _{LCh}	91, 13.241, 315.972
Yxy	78.5520, 0.3090, 0.3058
Android (android.graphics.Color)	4293976311 (0xFFFF0E0F7)
YUV	231.4060, 7.6878, 7.5369
Hunter-Lab	88.6296, 4.7683, -4.1694

Details

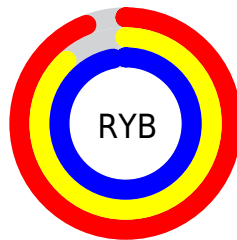
The Decimal color **15786231** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **15202272**, and the grayscale version is **15198183**.

A 20% lighter version of the original color is **16777215**, and **12102079** is the 20% darker color. If you saturate the color by 10%, you get **15255543**, and if you desaturate by 10%, it is **16316919**.

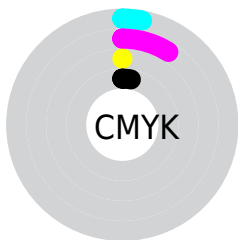
Distribution



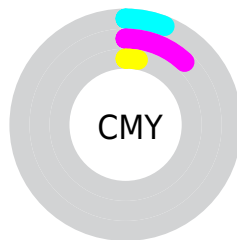
- Red (94%)
- Green (88%)
- Blue (97%)



- Red (94%)
- Yellow (88%)
- Blue (97%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (6%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15786231 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 15786231 by changing the saturation by 10% instead.

15786231

15786231

16777215

13944026

12102079

10325668

8615305

6970480

5326167

3812928

2431274

1114134

 15786231

 15786231

 15255543

 16316919

 14790647

 16777207

 14259959


 13794807

 13264375

 12799223

 12268535

 11803383

 11272951

Harmonies

Analogous

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



14738686



15786231



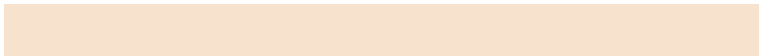
16571884

Triad

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



15786231



16179917



13037036

Complementary

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



15786231



15202272

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.



13495519



15786231



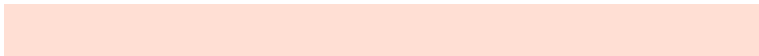
15329229

Square

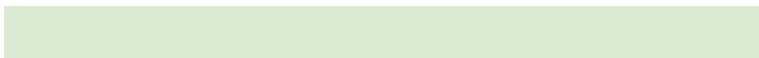
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15786231



16768980



14346963



13102071

Rectangle

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



15786231



16768483



14346963



13168103

Sweetspot

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



15786231



16644095



14739447



8288896



0



8421504

Same Dimension

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



15786231



16180223



16244979



7827066



8454330



2687035

Inverse Universe

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



16244967



16770027



14743524



8023666



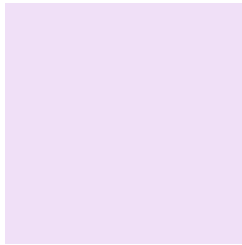
12189753



3866642

Previews

White Background



This preview shows how the Decimal color 15786231 looks on a white background.

Color Contrast Check

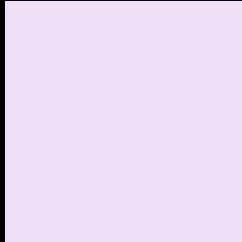
Large Text (above 18pt) WCAG AA × Fail

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 15786231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

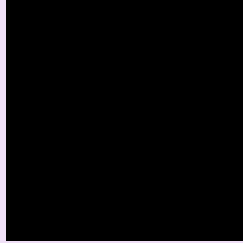
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

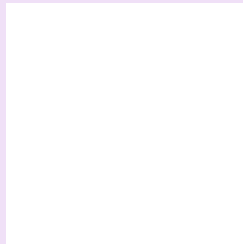
Any Text WCAG AAA ✓ Pass

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

Decimal 15786231 Background



This preview shows how black text looks on a background with the Decimal color 15786231.



This preview shows how white text looks on a background with the Decimal color 15786231.

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
15720946

Trichromacy



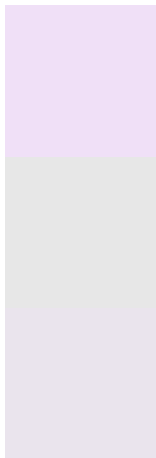
Original Color
15786231

Protanomaly
15262712

Deuteranomaly
15917047

Tritanomaly
15720948

Monochromacy



Original Color
15786231

Achromatopsia
15198183

Achromatomaly
15394029

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15786231 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 #F0E0F7 looks like.

```
.text, #text, p{  
    color:#F0E0F7  
}
```

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 #F0E0F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0E0F7
}
```

Border

The CSS property to change the border of an element to Decimal 15786231 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
#F0E0F7 }
```

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

```
.border{ border-color:#F0E0F7 }
```

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

Here you see how a box with a 4 pixel #F0E0F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0E0F7; -webkit-box-shadow:4px 4px  
4px 4px #F0E0F7; box-shadow:4px 4px 4px  
4px #F0E0F7 }
```

Background

The CSS property to change the background color of an element to Decimal 15786231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0E0F7 }
```

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

```
.background{ background-color:#F0E0F7 }
```

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