

Converting Colors

Decimal(8486312)

Have a look what the booklet for
Decimal(8486312) contains.

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Color

Decimal(8486312)

Conversions

Conversions Part 1

Format	Color
Hex	817DA8
RGB	129, 125, 168
RGB Percent	51%, 49%, 66%
CMY	0.4941, 0.5098, 0.3412
CMYK	0.23, 0.26, 0.00, 0.34
HSL	246°, 20%, 57%
HSV	246°, 26%, 66%
XYZ	23.4548, 22.1615, 40.0872
YIQ	131.0980, -11.4190, 14.2210

Conversions

Conversions Part 2

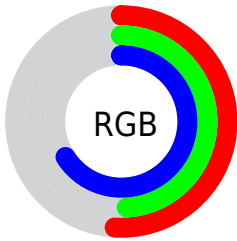
Format	Color
R _Y B	129, 125, 168
Decimal	8486312
CIE _{Lab}	54.20, 11.04, -22.31
CIE _{LCh}	54, 24.895, 296.327
Yxy	22.1615, 0.2737, 0.2586
Android (android.graphics.Color)	4286676392 (0xFF817DA8)
YUV	131.0980, 18.1927, -1.8399
Hunter-Lab	47.0760, 6.5513, -17.5347

Details

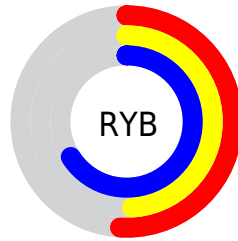
The Decimal color **8486312** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10791037**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **12038879**, and **5196916** is the 20% darker color. If you saturate the color by 10%, you get **7498920**, and if you desaturate by 10%, it is **9473704**.

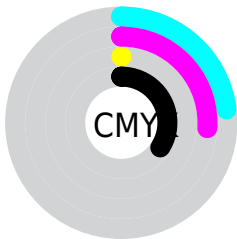
Distribution



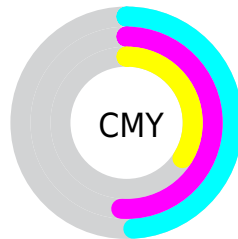
- Red (51%)
- Green (49%)
- Blue (66%)



- Red (51%)
- Yellow (49%)
- Blue (66%)



- Cyan (23%)
- Magenta (26%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8486312 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 8486312 by changing the saturation by 10% instead.

■ 8486312

■ 8486312

16777215

■ 6775949

■ 12038879

■ 5196916

■ 13815292

■ 3618395

■ 15723007

■ 2105411

■ 723245

■ 280

■ 0

■ 8486312

■ 8486312

■ 7498920

■ 9473704

■ 6511528

■ 10461096

■ 5458856

■ 11513768

■ 4471464

■ 12501160

■ 3484072

■ 13488552

■ 2496680

■ 14475944

■ 1443752

■ 15528872

■ 1048744

■ 16514984

■ 16777128

Harmonies

Analogous

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



6390956



8486312



10188442

Triad

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



8486312



10778719



5016958

Complementary

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



8486312



10791037

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.



6589289



8486312



9666391

Square

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



8486312



11301744



8226395



3968404

Rectangle

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



8486312



10908556



8226395



5475703

Sweetspot

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



8486312



13355739



8234152



6579054



15592941



7237230

Same Dimension

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



8486312



10393563



9862568



5065812



917652



131092

Inverse Universe

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



11042212



14391253



9414781



5524563



9699462



1310739

Previews

White Background



This preview shows how the Decimal color 8486312 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 8486312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

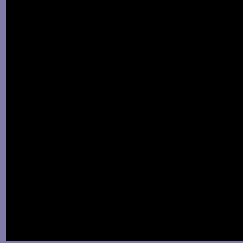
Any Text WCAG AA ✓ Pass

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 8486312 Background



This preview shows how black text looks on a background with the Decimal color 8486312.



This preview shows how white text looks on a background with the Decimal color 8486312.

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](#).

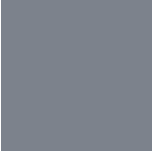
Dichromacy



Original Color
8486312

Protanopia
7766186

Deuteranopia
8028072



Tritanopia
8159884

Trichromacy



Original Color
8486312

Protanomaly
8028073

Deuteranomaly
8224424

Tritanomaly
8290454

Monochromacy



Original Color
8486312

Achromatopsia
8618883

Achromatomaly
8552848

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8486312 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 #817DA8 looks like.

```
.text, #text, p{  
    color:#817DA8  
}
```

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 #817DA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817DA8  
}
```

Border

The CSS property to change the border of an element to Decimal 8486312 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  
#817DA8 }
```

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

```
.border{ border-color:#817DA8 }
```

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

Here you see how a box with a 4 pixel #817DA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817DA8; -webkit-box-shadow:4px 4px  
4px 4px #817DA8; box-shadow:4px 4px 4px  
4px #817DA8 }
```

Background

The CSS property to change the background color of an element to Decimal 8486312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817DA8 }
```

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

```
.background{ background-color:#817DA8 }
```

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](#).

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