

Converting Colors

Decimal(12496104)

Have a look what the booklet for
Decimal(12496104) contains.

Decimal(12496104)	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(12496104)

Conversions

Conversions Part 1

Format	Color
Hex	BEACE8
RGB	190, 172, 232
RGB Percent	75%, 67%, 91%
CMY	0.2549, 0.3255, 0.0902
CMYK	0.18, 0.26, 0.00, 0.09
HSL	258°, 57%, 79%
HSV	258°, 26%, 91%
XYZ	50.5532, 46.2784, 82.6121
YIQ	184.2220, -8.5320, 22.4760

Conversions

Conversions Part 2

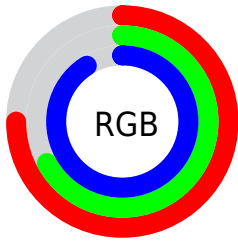
Format	Color
RYB	190, 172, 232
Decimal	12496104
CIELab	73.73, 18.36, -27.71
CIELCh	74, 33.245, 303.525
Yxy	46.2784, 0.2817, 0.2579
Android (android.graphics.Color)	4290686184 (0xFFBEACE8)
YUV	184.2220, 23.5546, 5.0673
Hunter-Lab	68.0282, 13.5977, -24.3808

Details

The Decimal color **12496104** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **14084268**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16245759**, and **8943792** is the 20% darker color. If you saturate the color by 10%, you get **11441640**, and if you desaturate by 10%, it is **13550568**.

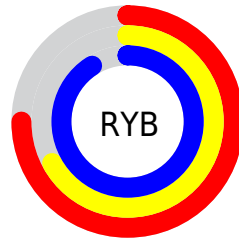
Distribution



Red (75%)

Green (67%)

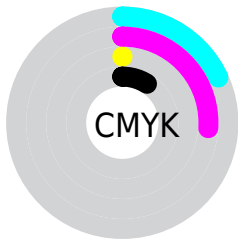
Blue (91%)



Red (75%)

Yellow (67%)

Blue (91%)

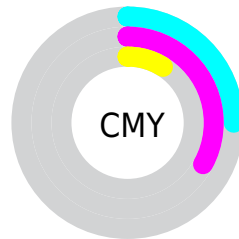


Cyan (18%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (33%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12496104 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 12496104 by changing the saturation by 10% instead.

■ 12496104

■ 12496104

16777215

■ 10719692

■ 16245759

■ 8943792

■ 7233429

■ 5588859

■ 3944802

■ 2431818

■ 983859

■ 542

■ 0

■ 12496104

■ 12496104

■ 11441640

■ 13550568

■ 10387176

■ 14605032

■ 9266920

■ 15725288

■ 8212456

■ 16777192

■ 7157992

■ 6103528

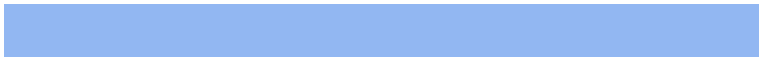
■ 4983528

■ 4587752

Harmonies

Analogous

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



9615346



12496104



14656209

Triad

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



12496104



14789247



6342328

Complementary

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



12496104



14084268

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.



8569753



12496104



13087864

Square

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



12496104



15770005



10927489



5227990

Rectangle

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



12496104



15507389



10927489



7062957

Sweetspot

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



12496104



15854591



11327208



7828352



0



8421504

Same Dimension

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



12496104



13152511



14462184



7038835



3539123



983091

Inverse Universe

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



15248598



16756967



12118188



7563119



11731069



3342372

Previews

White Background



This preview shows how the Decimal color 12496104 looks on a white background.

Color Contrast Check

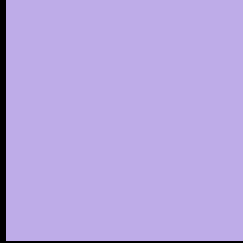
Large Text (above 18pt) WCAG AA × Fail

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 12496104 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 12496104 Background



This preview shows how black text looks on a background with the Decimal color 12496104.



This preview shows how white text looks on a background with the Decimal color 12496104.

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
12039105

Trichromacy



Original Color
12496104

Protanomaly
11514091

Deuteranomaly
11776231

Tritanomaly
12234959

Monochromacy



Original Color
12496104

Achromatopsia
12105912

Achromatomaly
12235977

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12496104 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 #BEACE8 looks like.

```
.text, #text, p{  
    color:#BEACE8  
}
```

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 #BEACE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEACE8  
}
```

Border

The CSS property to change the border of an element to Decimal 12496104 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  
#BEACE8 }
```

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

```
.border{ border-color:#BEACE8 }
```

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

Here you see how a box with a 4 pixel #BEACE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEACE8; -webkit-box-shadow:4px 4px  
4px 4px #BEACE8; box-shadow:4px 4px 4px  
4px #BEACE8 }
```

Background

The CSS property to change the background color of an element to Decimal 12496104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEACE8 }
```

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

```
.background{ background-color:#BEACE8 }
```

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