

Converting Colors

Decimal(12563171)

Have a look what the booklet for
Decimal(12563171) contains.

Decimal(12563171)	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(12563171)

Conversions

Conversions Part 1

Format	Color
Hex	BFB2E3
RGB	191, 178, 227
RGB Percent	75%, 70%, 89%
CMY	0.2510, 0.3020, 0.1098
CMYK	0.16, 0.22, 0.00, 0.11
HSL	256°, 47%, 79%
HSV	256°, 22%, 89%
XYZ	51.2714, 48.4632, 79.3251
YIQ	187.4730, -7.9810, 17.9950

Conversions

Conversions Part 2

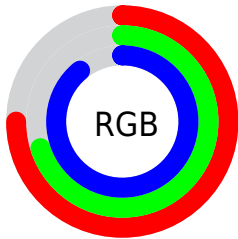
Format	Color
R_{YB}	191, 178, 227
Decimal	12563171
CIE _{Lab}	75.12, 14.28, -22.86
CIE _{LCh}	75, 26.957, 301.982
Yxy	48.4632, 0.2863, 0.2707
Android (android.graphics.Color)	4290753251 (0xFFBFB2E3)
YUV	187.4730, 19.4868, 3.0932
Hunter-Lab	69.6155, 9.6369, -18.8286

Details

The Decimal color **12563171** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14082994**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **16313087**, and **9010604** is the 20% darker color. If you saturate the color by 10%, you get **11443171**, and if you desaturate by 10%, it is **13683171**.

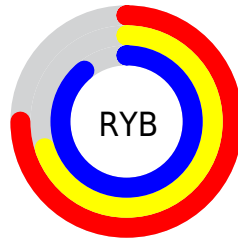
Distribution



Red (75%)

Green (70%)

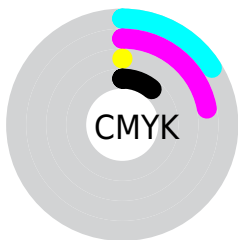
Blue (89%)



Red (75%)

Yellow (70%)

Blue (89%)

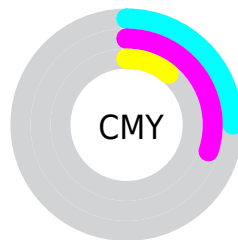


Cyan (16%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (30%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12563171 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 12563171 by changing the saturation by 10% instead.

■ 12563171

■ 12563171

16777215

■ 10786759

■ 16313087

■ 9010604

■ 7300241

■ 5655671

■ 4077150

■ 2564166

■ 1182512

■ 283

■ 0

 12563171

 12563171

 11443171

 13683171

 10388963

 14737379

 9268963

 15857379

 8148963

 16777187

 7094755

 5974755

 4854755

 3932387

Harmonies

Analogous

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



10337258



12563171



14330577

Triad

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



12563171



14659726



8046522

Complementary

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



12563171



14082994

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.



9618849



12563171



13285511

Square

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



12563171



15378848



11517838



7325394

Rectangle

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



12563171



15116225



11517838



8505265

Sweetspot

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



12563171



16052479



11720675



7960448



0



8421504

Same Dimension

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



12563171



13549055



14136035



6973299



3080371



917555

Inverse Universe

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



14922454



16760301



12510130



7563120



11731075



3342373

Previews

White Background



This preview shows how the Decimal color 12563171 looks on a white background.

Color Contrast Check

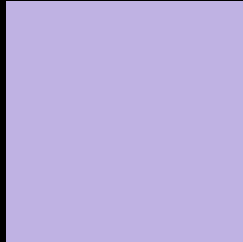
Large Text (above 18pt) WCAG AA × Fail

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 12563171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

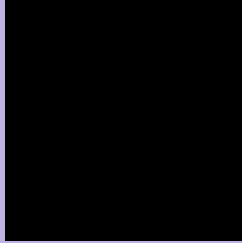
Any Text WCAG AA ✓ Pass

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 12563171 Background



This preview shows how black text looks on a background with the Decimal color 12563171.



This preview shows how white text looks on a background with the Decimal color 12563171.

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
12563171

Protanopia
11450343

Deuteranopia
11974114



Tritanopia
12236742

Trichromacy



Original Color
12563171

Protanomaly
11843046

Deuteranomaly
12170466

Tritanomaly
12367313

Monochromacy



Original Color
12563171

Achromatopsia
12303291

Achromatomaly
12368074

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12563171 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 #BFB2E3 looks like.

```
.text, #text, p{  
    color:#BFB2E3  
}
```

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 #BFB2E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB2E3
}
```

Border

The CSS property to change the border of an element to Decimal 12563171 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
#BFB2E3 }
```

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

```
.border{ border-color:#BFB2E3 }
```

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

Here you see how a box with a 4 pixel #BFB2E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB2E3; -webkit-box-shadow:4px 4px  
4px 4px #BFB2E3; box-shadow:4px 4px 4px  
4px #BFB2E3 }
```

Background

The CSS property to change the background color of an element to Decimal 12563171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB2E3 }
```

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

```
.background{ background-color:#BFB2E3 }
```

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