

Converting Colors

Decimal(12555755)

Have a look what the booklet for
Decimal(12555755) contains.

Decimal(12555755)	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(12555755)

Conversions

Conversions Part 1

Format	Color
Hex	BF95EB
RGB	191, 149, 235
RGB Percent	75%, 58%, 92%
CMY	0.2510, 0.4157, 0.0784
CMYK	0.19, 0.37, 0.00, 0.08
HSL	269°, 68%, 75%
HSV	269°, 37%, 92%
XYZ	47.2287, 38.5694, 83.5527
YIQ	171.3620, -2.5740, 35.6500

Conversions

Conversions Part 2

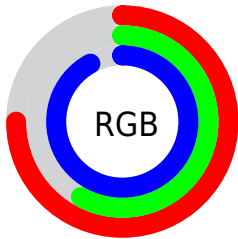
Format	Color
RYB	191, 149, 235
Decimal	12555755
CIELab	68.44, 32.07, -37.52
CIELCh	68, 49.359, 310.522
Yxy	38.5694, 0.2789, 0.2277
Android (android.graphics.Color)	4290745835 (0xFFBF95EB)
YUV	171.3620, 31.3735, 17.2225
Hunter-Lab	62.1043, 27.0621, -36.2935

Details

The Decimal color **12555755** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12708757**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16305407**, and **8938163** is the 20% darker color. If you saturate the color by 10%, you get **11763435**, and if you desaturate by 10%, it is **13348075**.

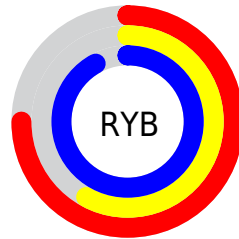
Distribution



Red (75%)

Green (58%)

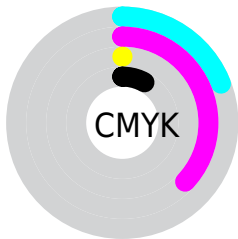
Blue (92%)



Red (75%)

Yellow (58%)

Blue (92%)

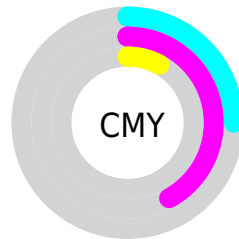


Cyan (19%)

Magenta (37%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (42%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12555755 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 12555755 by changing the saturation by 10% instead.

12555755

12555755

16777215

10714063

16305407

8938163

16771327

7227800

5517950

3808100

2163788


786485

542

1

 12555755


 12555755

 11763435

 13348075

 10970859

 14140651

 10178539

 14933227

 9385963

 15725547

 8593643

 16515051

 7801067

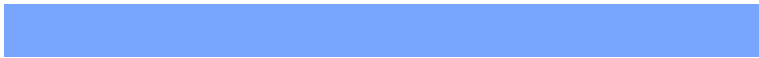
 16777195

 7536875

Harmonies

Analogous

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



7907070



12555755



15369926

Triad

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



12555755



14326354



48822

Complementary

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



12555755



12708757

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.



4177032



12555755



11708748

Square

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



1255755



16026223



8566113



48096

Rectangle

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



12555755



16286120



8566113



48550

Sweetspot

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



12555755



15852543



9814507



7827328



0



8421504

Same Dimension

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



12555755



13012991



15373803



7301749



5767349



1703990

Inverse Universe

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



15439297



16748488



9890709



7694960



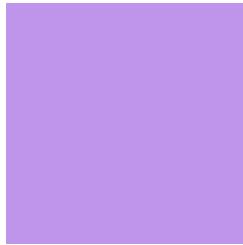
11862109



3538971

Previews

White Background



This preview shows how the Decimal color 12555755 looks on a white background.

Color Contrast Check

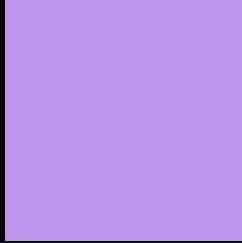
Large Text (above 18pt) WCAG AA × Fail

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 12555755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

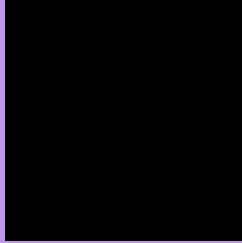
Any Text WCAG AA ✓ Pass

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 12555755 Background



This preview shows how black text looks on a background with the Decimal color 12555755.

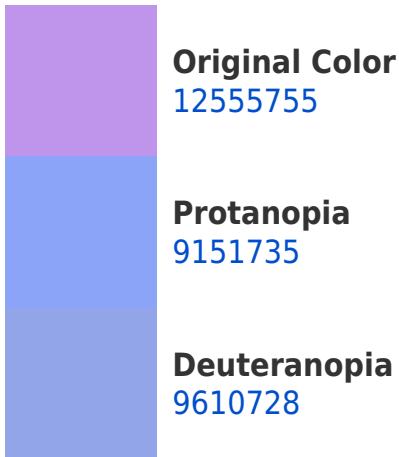



This preview shows how white text looks on a background with the Decimal color 12555755.

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
11903662

Trichromacy



Original Color
12555755



Protanomaly
10395635



Deuteranomaly
10657769



Tritanomaly
12164548

Monochromacy



Original Color
12555755



Achromatopsia
11250603



Achromatomaly
11707330

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12555755 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 #BF95EB looks like.

```
.text, #text, p{  
  color:#BF95EB  
}
```

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 #BF95EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF95EB
}
```

Border

The CSS property to change the border of an element to Decimal 12555755 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
#BF95EB }
```

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

```
.border{ border-color:#BF95EB }
```

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

Here you see how a box with a 4 pixel #BF95EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF95EB; -webkit-box-shadow:4px 4px  
4px 4px #BF95EB; box-shadow:4px 4px 4px  
4px #BF95EB }
```

Background

The CSS property to change the background color of an element to Decimal 12555755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF95EB }
```

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

```
.background{ background-color:#BF95EB }
```

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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