

Converting Colors

Decimal(12556001)

Have a look what the booklet for
Decimal(12556001) contains.

Decimal(12556001)	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(12556001)

Conversions

Conversions Part 1

Format	Color
Hex	BF96E1
RGB	191, 150, 225
RGB Percent	75%, 59%, 88%
CMY	0.2510, 0.4118, 0.1176
CMYK	0.15, 0.33, 0.00, 0.12
HSL	273°, 56%, 74%
HSV	273°, 33%, 88%
XYZ	45.9828, 38.3253, 76.2081
YIQ	170.8090, 0.3610, 32.0170

Conversions

Conversions Part 2

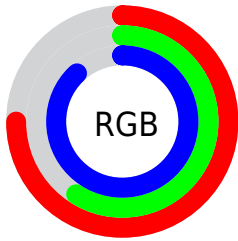
Format	Color
R_{YB}	191, 150, 225
Decimal	12556001
CIE _{Lab}	68.26, 29.33, -32.30
CIE _{LCh}	68, 43.625, 312.239
Yxy	38.3253, 0.2865, 0.2388
Android (android.graphics.Color)	4290746081 (0xFFBF96E1)
YUV	170.8090, 26.7162, 17.7075
Hunter-Lab	61.9074, 24.2459, -29.6509

Details

The Decimal color **12556001** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12116374**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16305663**, and **8938409** is the 20% darker color. If you saturate the color by 10%, you get **11894753**, and if you desaturate by 10%, it is **13217249**.

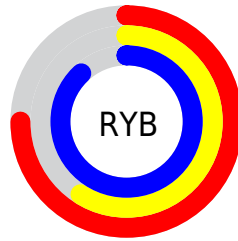
Distribution



Red (75%)

Green (59%)

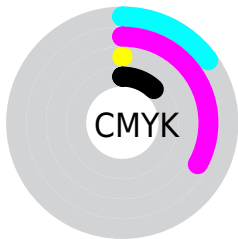
Blue (88%)



Red (75%)

Yellow (59%)

Blue (88%)

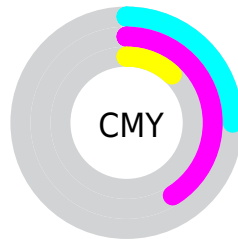


Cyan (15%)

Magenta (33%)

Yellow (0%)

Black (12%)



Cyan (25%)














Magenta (41%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12556001 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 12556001 by changing the saturation by 10% instead.

 12556001	 12556001
16777215	 10714309
 16305663	 8938409
 16771583	 7228047
	 5583733
	 3939420
	 2360900
	 983085
	 280
	 0

 12556001

 12556001

 11894753

 13217249

 11233761

 13878241

 10507233

 14605025

 9845985

 15266017

 9184993

 15925217

 8523745

 16580577

 8061153

 16777185

Harmonies

Analogous

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



8758771



12556001



14977727

Triad

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



12556001



13868123



48054

Complementary

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



12556001



12116374

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.



5093773



12556001



11512151

Square

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



12556001



15437427



8696682



47322

Rectangle

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



12556001



15763109



8696682



48040

Sweetspot

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



12556001



15984383



9877985



7958656



0



8421504

Same Dimension

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



12556001



13736447



14784223



7038320



6291632



1703984

Inverse Universe

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



14784184



16751047



9888153



7365994



11534416



3145750

Previews

White Background



This preview shows how the Decimal color 12556001 looks on a white background.

Color Contrast Check

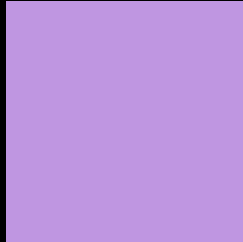
Large Text (above 18pt) WCAG AA × Fail

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 12556001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

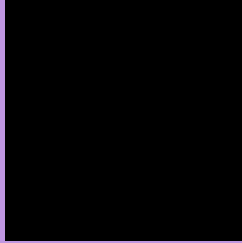
Any Text WCAG AA ✓ Pass

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 12556001 Background



This preview shows how black text looks on a background with the Decimal color 12556001.



This preview shows how white text looks on a background with the Decimal color 12556001.

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
12034221

Trichromacy



Original Color
12556001

Protanomaly
10592232

Deuteranomaly
10919903

Tritanomaly
12229824

Monochromacy



Original Color
12556001

Achromatopsia
11250603

Achromatomaly
11707327

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12556001 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 #BF96E1 looks like.

```
.text, #text, p{  
  color:#BF96E1  
}
```

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 #BF96E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF96E1
}
```

Border

The CSS property to change the border of an element to Decimal 12556001 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
#BF96E1 }
```

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

```
.border{ border-color:#BF96E1 }
```

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

Here you see how a box with a 4 pixel #BF96E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF96E1; -webkit-box-shadow:4px 4px  
4px 4px #BF96E1; box-shadow:4px 4px 4px  
4px #BF96E1 }
```

Background

The CSS property to change the background color of an element to Decimal 12556001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF96E1 }
```

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

```
.background{ background-color:#BF96E1 }
```

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