

# Converting Colors

Decimal(12556504)

Have a look what the booklet for  
Decimal(12556504) contains.

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# **Color**

**Decimal(12556504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF98D8
RGB	191, 152, 216
RGB Percent	75%, 60%, 85%
CMY	0.2510, 0.4039, 0.1529
CMYK	0.12, 0.30, 0.00, 0.15
HSL	277°, 45%, 72%
HSV	277°, 30%, 85%
XYZ	45.1088, 38.4907, 70.0177
YIQ	170.9570, 2.7000, 28.1720

# Conversions

## Conversions Part 2

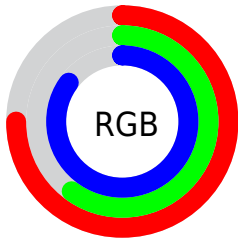
Format	Color
<a href="#">RYB</a>	<a href="#">191, 152, 216</a>
Decimal	<a href="#">12556504</a>
CIELab	<a href="#">68.38, 26.30, -27.14</a>
CIELCh	<a href="#">68, 37.797, 314.096</a>
Yxy	<a href="#">38.4907, 0.2936, 0.2506</a>
Android (android.graphics.Color)	<a href="#">4290746584 (0xFFBF98D8)</a>
YUV	<a href="#">170.9570, 22.2062, 17.5777</a>
Hunter-Lab	<a href="#">62.0409, 21.2125, -23.4845</a>

# Details

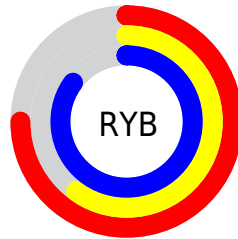
The Decimal color **12556504** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **11655320**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16306175**, and **9004449** is the 20% darker color. If you saturate the color by 10%, you get **12026584**, and if you desaturate by 10%, it is **13086424**.

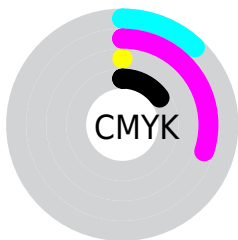
# Distribution



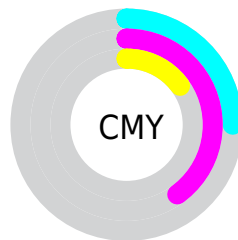
- Red (75%)
- Green (60%)
- Blue (85%)



- Red (75%)
- Yellow (60%)
- Blue (85%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (40%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12556504 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 12556504 by changing the saturation by 10% instead.



■ 12556504

■ 12556504

16777215

■ 10780348

■ 16306175

■ 9004449

■ 16772095

■ 7294087

■ 5649773

■ 4005717

■ 2492477

■ 1114151

■ 272

■ 0

 12556504

 12556504

 12026584

 13086424

 11431384

 13681624

 10901464

 14211544

 10306264

 14806744

 9776344

 15335384

 9180888

 15925208

 8651224

 16449496

 8650968

 16777176

# Harmonies

## Analogous

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



9414121



12556504



14585530

# Triad

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



12556504



13475429



2537910

# Complementary

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



12556504



11655320

# 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.



6011027



12556504



11381347

# Square

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



12556504



14914425



8893300



833237

# Rectangle

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



12556504



15240355



8893300



3783082



# Sweetspot

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



12556504



16181503



10007256



8024448



0



8421504



# Same Dimension

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



12556504



14394367



14194898



6774891



6815915



1703979



# Inverse Universe

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



14194865



16753607



10016926



7037029



11206723



2818065



# Previews

## White Background



This preview shows how the Decimal color 12556504 looks on a white background.

## Color Contrast Check

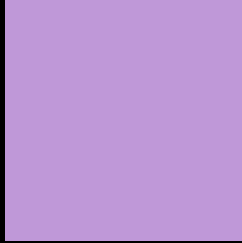
Large Text (above 18pt) WCAG AA × Fail

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 12556504 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

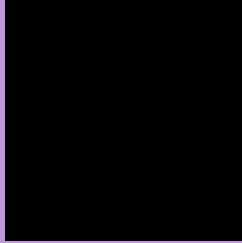
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12556504 Background



This preview shows how black text looks on a background with the Decimal color 12556504.

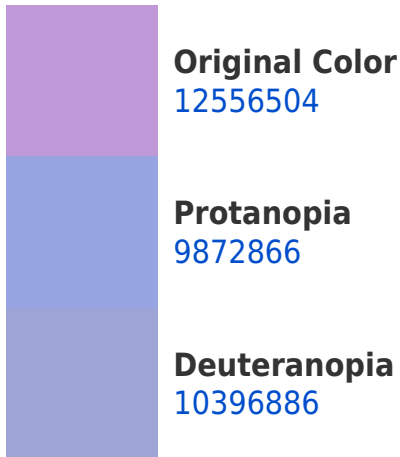


This preview shows how white text looks on a background with the Decimal color 12556504.

# 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**  
12099757

# Trichromacy



**Original Color**  
12556504

**Protanomaly**  
10854622

**Deuteranomaly**  
11182295

**Tritanomaly**  
12295613

# Monochromacy



**Original Color**  
12556504

**Achromatopsia**  
11250603

**Achromatomaly**  
11707579

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12556504 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 #BF98D8 looks like.

```
.text, #text, p{  
    color:#BF98D8  
}
```

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 #BF98D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF98D8
}
```

## Border

The CSS property to change the border of an element to Decimal 12556504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

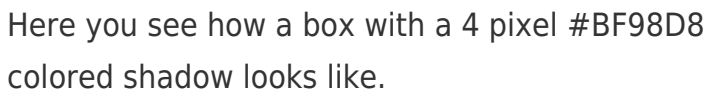
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF98D8 }
```

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

```
.border{ border-color:#BF98D8 }
```

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



Here you see how a box with a 4 pixel `#BF98D8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF98D8; -webkit-box-shadow:4px 4px  
4px 4px #BF98D8; box-shadow:4px 4px 4px  
4px #BF98D8 }
```

# Background

The CSS property to change the background color of an element to Decimal 12556504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF98D8 }
```

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

```
.background{ background-color:#BF98D8 }
```

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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