

Converting Colors

Decimal(12365716)

Have a look what the booklet for
Decimal(12365716) contains.

| | |
|--|----|
| Decimal(12365716) | 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(12365716)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BCAF94 |
| RGB | 188, 175, 148 |
| RGB Percent | 74%, 69%, 58% |
| CMY | 0.2627, 0.3137, 0.4196 |
| CMYK | 0.00, 0.07, 0.21, 0.26 |
| HSL | 40°, 23%, 66% |
| HSV | 40°, 21%, 74% |
| XYZ | 41.4143, 43.4894, 34.2285 |
| YIQ | 175.8090, 16.4150, -5.6410 |

Conversions

Conversions Part 2

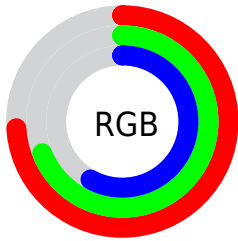
| Format | Color |
|-------------------------------------|---|
| RYB | 167, 188, 148 |
| Decimal | 12365716 |
| CIELab | 71.89, 0.24, 15.54 |
| CIELCh | 72, 15.540, 89.112 |
| Yxy | 43.4894, 0.3476, 0.3651 |
| Android (android.graphics.Color) | 4290555796 (0xFFBCAF94) |
| YUV | 175.8090, -13.7098, 10.6915 |
| Hunter-Lab | 65.9465, -3.3087, 15.3890 |

Details

The Decimal color **12365716** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9740732**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16115402**, and **8813409** is the 20% darker color. If you saturate the color by 10%, you get **12364161**, and if you desaturate by 10%, it is **12367271**.

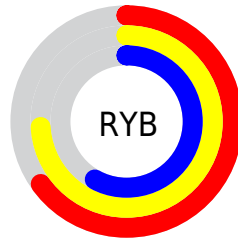
Distribution



Red (74%)

Green (69%)

Blue (58%)



Red (65%)

Yellow (74%)

Blue (58%)

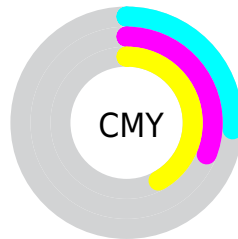


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12365716 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 12365716 by changing the saturation by 10% instead.

 12365716

 12365716

16777215

 10589306

 16115402

 8813409

 16777190

 7168585

 5524019

 3945501

 2563589

 722432

 0

 12365716

 12365716

 12364161

 12367271

 12362606

 12368826

 12361052

 12370380

 12359497

 12371935

 12357686

 12373746

 12356131

 12375295

 12354576

 12376831

 12353280

 12378367

 12379903

Harmonies

Analogous

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



13150872



12365716



11318423

Triad

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



12365716



9156797



12757439

Complementary

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



12365716



9740732

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.



11709897



12365716



9549512

Square

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



12365716



9484463



10531276



13412017

Rectangle

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



12365716



10598045



10531276



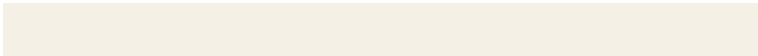
12495555

Sweetspot

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



12365716



16117990



12358817



8026226



16448250



8026746

Same Dimension

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



12365716



16113845



11910292



6183765



10382080



2036992

Inverse Universe

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



9740732



11913973



10196156



5593182



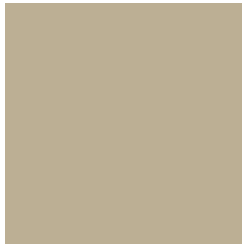
13214



2591

Previews

White Background



This preview shows how the Decimal color 12365716 looks on a white background.

Color Contrast Check

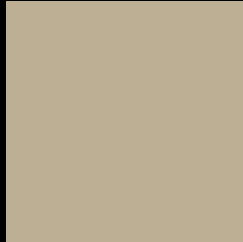
Large Text (above 18pt) WCAG AA × Fail

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 12365716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

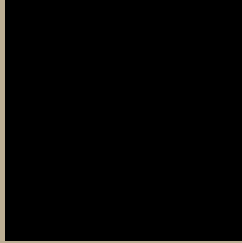
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

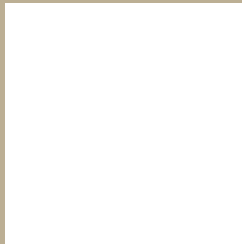
Any Text WCAG AAA ✓ Pass

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

Decimal 12365716 Background



This preview shows how black text looks on a background with the Decimal color 12365716.



This preview shows how white text looks on a background with the Decimal color 12365716.

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
12365716

Protanopia
12234900

Deuteranopia
13347477



Tritanopia
12626615

Trichromacy



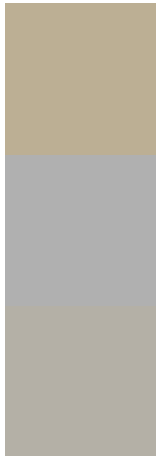
Original Color
12365716

Protanomaly
12300436

Deuteranomaly
13020309

Tritanomaly
12561578

Monochromacy



Original Color
12365716

Achromatopsia
11579568

Achromatomaly
11841702

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12365716 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 #BCAF94 looks like.

```
.text, #text, p{  
  color:#BCAF94  
}
```

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 #BCAF94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCAF94
}
```

Border

The CSS property to change the border of an element to Decimal 12365716 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
#BCAF94 }
```

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

```
.border{ border-color:#BCAF94 }
```

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

Here you see how a box with a 4 pixel #BCAF94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCAF94; -webkit-box-shadow:4px 4px  
4px 4px #BCAF94; box-shadow:4px 4px 4px  
4px #BCAF94 }
```

Background

The CSS property to change the background color of an element to Decimal 12365716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCAF94 }
```

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

```
.background{ background-color:#BCAF94 }
```

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