

Converting Colors

Decimal(12565896)

Have a look what the booklet for
Decimal(12565896) contains.

Decimal(12565896)	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(12565896)

Conversions

Conversions Part 1

Format	Color
Hex	BFBD88
RGB	191, 189, 136
RGB Percent	75%, 74%, 53%
CMY	0.2510, 0.2588, 0.4667
CMYK	0.00, 0.01, 0.29, 0.25
HSL	58°, 30%, 64%
HSV	58°, 29%, 75%
XYZ	44.1274, 49.2491, 30.4728
YIQ	183.5560, 18.2050, -16.0590

Conversions

Conversions Part 2

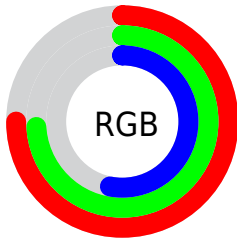
Format	Color
RYB	138, 191, 136
Decimal	12565896
CIELab	75.61, -7.69, 27.12
CIELCh	76, 28.189, 105.834
Yxy	49.2491, 0.3563, 0.3977
Android (android.graphics.Color)	4290755976 (0xFFBFD8)
YUV	183.5560, -23.4451, 6.5284
Hunter-Lab	70.1777, -10.5712, 23.3793

Details

The Decimal color **12565896** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8948415**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16315838**, and **9013334** is the 20% darker color. If you saturate the color by 10%, you get **12565621**, and if you desaturate by 10%, it is **12566171**.

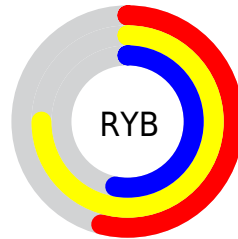
Distribution



Red (75%)

Green (74%)

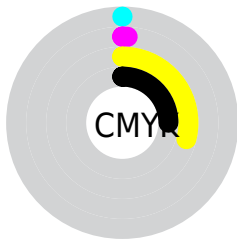
Blue (53%)



Red (54%)

Yellow (75%)

Blue (53%)

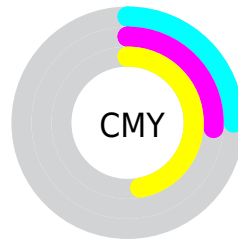


Cyan (0%)

Magenta (1%)

Yellow (29%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12565896 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 12565896 by changing the saturation by 10% instead.

 12565896

 12565896

16777215

 10789486

 16315838

 9013334

 16777178

 7302974

 16777206

 5658151

 4079377

 2631936

 726272

 0

 12565896

 12565896

 12565621

 12566171

 12565602

 12566190

 12565327

 12566465

 12565052

 12566740

 12565033

 12566759

 12564757

 12567035

 12564482

 12567295

 12564480

 12567551

Harmonies

Analogous

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



14201992



12565896



10667157

Triad

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



12565896



7390943



15116744

Complementary

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



12565896



8948415

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.



13610975



12565896



9027820

Square

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



12565896



7326151



11385068



15706285

Rectangle

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



12565896



9357220



11385068



14723792

Sweetspot

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



12565896



16250849



12552331



8223855



16579836



8224125

Same Dimension

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



12565896



16250017



10928008



6184533



10393600



2039040

Inverse Universe

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



8948415



10593527



10586303



5592414



1694



287

Previews

White Background



This preview shows how the Decimal color 12565896 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 12565896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

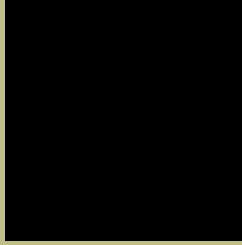
Any Text WCAG AA ✓ Pass

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 12565896 Background



This preview shows how black text looks on a background with the Decimal color 12565896.



This preview shows how white text looks on a background with the Decimal color 12565896.

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](#).

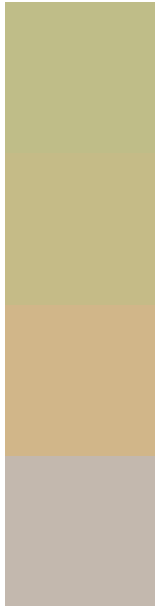
Dichromacy





Tritanopia
13022660

Trichromacy



Original Color
12565896

Protanomaly
12958599

Deuteranomaly
13743753

Tritanomaly
12826798

Monochromacy



Original Color
12565896

Achromatopsia
12105912

Achromatomaly
12303015

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12565896 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 #BFBD88 looks like.

```
.text, #text, p{  
    color:#BFBD88  
}
```

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 #BFBD88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFBD88
}
```

Border

The CSS property to change the border of an element to Decimal 12565896 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
#BFBD88 }
```

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

```
.border{ border-color:#BFBD88 }
```

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

Here you see how a box with a 4 pixel #BFBD88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFBD88; -webkit-box-shadow:4px 4px  
4px 4px #BFBD88; box-shadow:4px 4px 4px  
4px #BFBD88 }
```

Background

The CSS property to change the background color of an element to Decimal 12565896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFBD88 }
```

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

```
.background{ background-color:#BFBD88 }
```

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