

Converting Colors

Decimal(12365593)

Have a look what the booklet for
Decimal(12365593) contains.

Decimal(12365593)	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(12365593)

Conversions

Conversions Part 1

Format	Color
Hex	BCAF19
RGB	188, 175, 25
RGB Percent	74%, 69%, 10%
CMY	0.2627, 0.3137, 0.9020
CMYK	0.00, 0.07, 0.87, 0.26
HSL	55°, 77%, 42%
HSV	55°, 87%, 74%
XYZ	36.2445, 41.4215, 7.0046
YIQ	161.7870, 55.8980, -43.8940

Conversions

Conversions Part 2

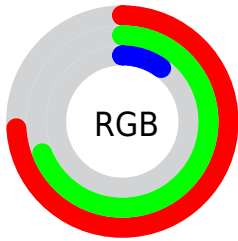
Format	Color
R_{YB}	39, 188, 25
Decimal	12365593
CIE _{Lab}	70.47, -10.14, 68.95
CIE _{LCh}	70, 69.690, 98.363
Yxy	41.4215, 0.4281, 0.4892
Android (android.graphics.Color)	4290555673 (0xFFBCAF19)
YUV	161.7870, -67.4360, 22.9888
Hunter-Lab	64.3595, -12.1058, 38.5989

Details

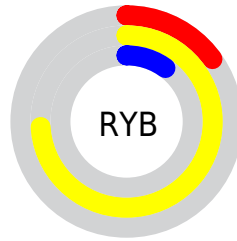
The Decimal color **12365593** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1648316**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **16311896**, and **8551168** is the 20% darker color. If you saturate the color by 10%, you get **12365318**, and if you desaturate by 10%, it is **12365868**.

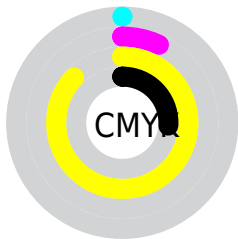
Distribution



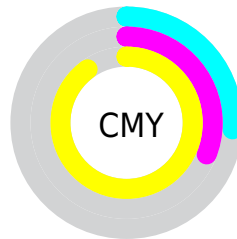
- Red (74%)
- Green (69%)
- Blue (10%)



- Red (15%)
- Yellow (74%)
- Blue (10%)



- Cyan (0%)
- Magenta (7%)
- Yellow (87%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12365593 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 12365593 by changing the saturation by 10% instead.

 12365593

 12365593

16777215

 10458368

 16311896

 8551168

 16777076

 6775296

 16777104

 4934400

 16777132

 3224576

 16777161

 1580800

 16777190

 768

 0

 12365593

 12365593

■ 12365318

■ 12365868

■ 12365056

■ 12366399

■ 12366673

■ 12367204

■ 12367479

■ 12368010

■ 12368285

■ 12368815

■ 12369090

Harmonies

Analogous

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



15833135



12365593



7913280

Triad

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



12365593



51450



16742876

Complementary

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



12365593



1648316

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.



13014271



12365593



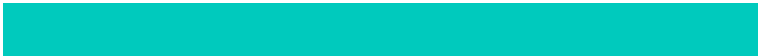
49407

Square

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



12365593



51901



3845887



16739997

Rectangle

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



12365593



2934118



3845887



16089584

Sweetspot

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



12365593



16117941



12327207



8025940



16448250



8026746

Same Dimension

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



12365593



16113920



7912473



6184533



10391808



2038784

Inverse Universe

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



1648316



5365



6101436



5592670



3486



543

Previews

White Background



This preview shows how the Decimal color 12365593 looks on a white background.

Color Contrast Check

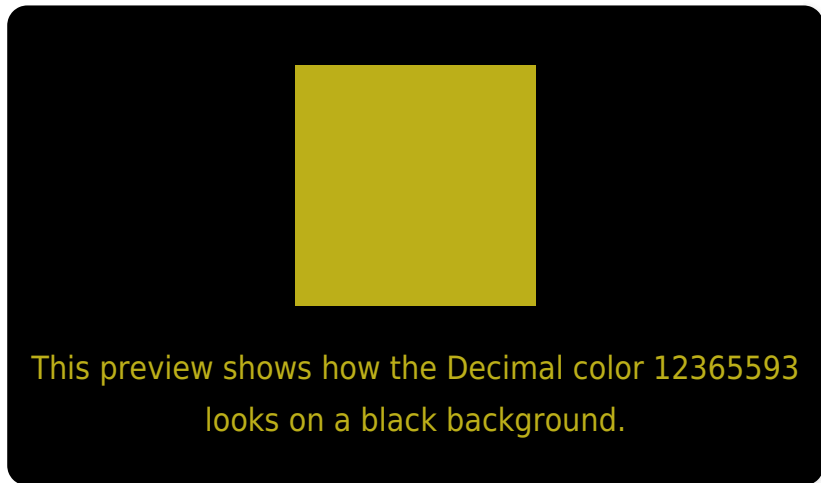
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 12365593 Background



This preview shows how black text looks on a background with the Decimal color 12365593.



This preview shows how white text looks on a background with the Decimal color 12365593.

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
12365593

Protanopia
12758296

Deuteranopia
14263074



Tritanopia
13083567

Trichromacy



Original Color
12365593

Protanomaly
12627480

Deuteranomaly
13543199

Tritanomaly
12822392

Monochromacy



Original Color
12365593

Achromatopsia
10658466

Achromatomaly
11249520

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12365593 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 #BCAF19 looks like.

```
.text, #text, p{  
  color:#BCAF19  
}
```

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 #BCAF19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCAF19
}
```

Border

The CSS property to change the border of an element to Decimal 12365593 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
#BCAF19 }
```

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

```
.border{ border-color:#BCAF19 }
```

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

Here you see how a box with a 4 pixel #BCAF19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCAF19; -webkit-box-shadow:4px 4px  
4px 4px #BCAF19; box-shadow:4px 4px 4px  
4px #BCAF19 }
```

Background

The CSS property to change the background color of an element to Decimal 12365593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCAF19 }
```

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

```
.background{ background-color:#BCAF19 }
```

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