

Converting Colors

Decimal(12356152)

Have a look what the booklet for
Decimal(12356152) contains.

Decimal(12356152)	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(12356152)

Conversions

Conversions Part 1

Format	Color
Hex	BC8A38
RGB	188, 138, 56
RGB Percent	74%, 54%, 22%
CMY	0.2627, 0.4588, 0.7804
CMYK	0.00, 0.27, 0.70, 0.26
HSL	37°, 54%, 48%
HSV	37°, 70%, 74%
XYZ	30.5413, 29.1538, 7.7589
YIQ	143.6020, 56.1220, -14.9020

Conversions

Conversions Part 2

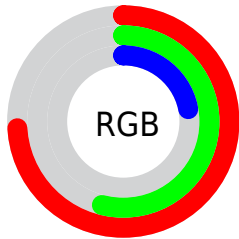
Format	Color
R_{YB}	136, 188, 56
Decimal	12356152
CIE _{Lab}	60.92, 10.93, 49.70
CIE _{LCh}	61, 50.886, 77.598
Yxy	29.1538, 0.4528, 0.4322
Android (android.graphics.Color)	4290546232 (0xFFBC8A38)
YUV	143.6020, -43.1878, 38.9370
Hunter-Lab	53.9943, 6.4767, 29.2761

Details

The Decimal color **12356152** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **3697340**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **16301931**, and **8607744** is the 20% darker color. If you saturate the color by 10%, you get **12354341**, and if you desaturate by 10%, it is **12357963**.

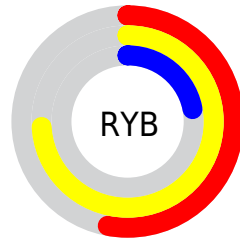
Distribution



Red (74%)

Green (54%)

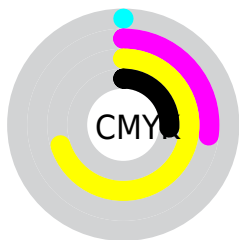
Blue (22%)



Red (53%)

Yellow (74%)

Blue (22%)

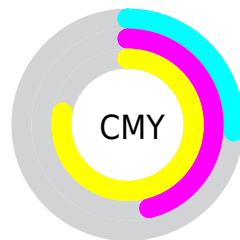


Cyan (0%)

Magenta (27%)

Yellow (70%)

Black (26%)



Cyan (26%)





















Magenta (46%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12356152 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 12356152 by changing the saturation by 10% instead.

 12356152	 12356152
 16777215	 10449182
 16301931	 8607744
 16767877	 6766848
 16775328	 4991744
 16777148	 3217152
 16777176	 1703936
 16777205	 0
 12356152	 12356152
 12354341	 12357963

■ 12352530

■ 12359774

■ 12350720

■ 12361584

■ 12363395

■ 12365462

■ 12367273

■ 12369084

■ 12370894

■ 12372705

Harmonies

Analogous

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



14317906



12356152



9673016

Triad

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



12356152



43437



12025040

Complementary

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



12356152



3697340

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.



7704553



12356152



42708

Square

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



12356152



43134



40426



14446248

Rectangle

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



12356152



7512136



40426



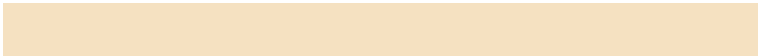
10846938

Sweetspot

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



12356152



16114113



12335211



8023900



16448250



8026746

Same Dimension

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



12356152



16099111



11385912



6183765



10379776



2036480

Inverse Universe

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



3697340



2586101



4667580



5593182



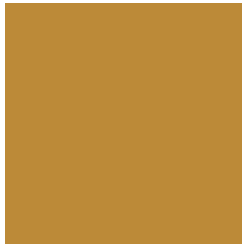
15518



3103

Previews

White Background



This preview shows how the Decimal color 12356152 looks on a white background.

Color Contrast Check

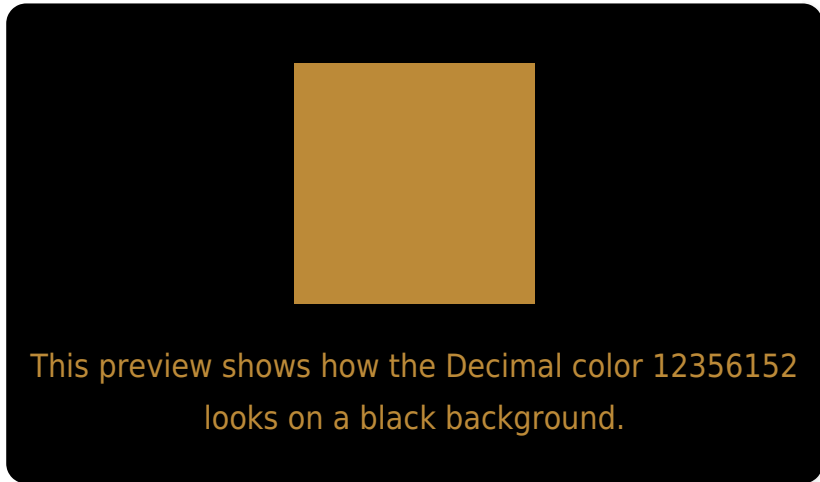
Large Text (above 18pt) WCAG AA ✓ Pass

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

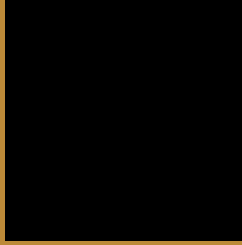
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 12356152 Background



This preview shows how black text looks on a background with the Decimal color 12356152.



This preview shows how white text looks on a background with the Decimal color 12356152.

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
12356152

Protanopia
10785851

Deuteranopia
12094519



Tritanopia
12747147

Trichromacy



Original Color
12356152

Protanomaly
11374650

Deuteranomaly
12159799

Tritanomaly
12616813

Monochromacy



Original Color
12356152

Achromatopsia
9474192

Achromatomaly
10522224

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12356152 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 #BC8A38 looks like.

```
.text, #text, p{  
  color:#BC8A38  
}
```

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 #BC8A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC8A38
}
```

Border

The CSS property to change the border of an element to Decimal 12356152 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
#BC8A38 }
```

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

```
.border{ border-color:#BC8A38 }
```

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

Here you see how a box with a 4 pixel #BC8A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC8A38; -webkit-box-shadow:4px 4px  
4px 4px #BC8A38; box-shadow:4px 4px 4px  
4px #BC8A38 }
```

Background

The CSS property to change the background color of an element to Decimal 12356152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC8A38 }
```

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

```
.background{ background-color:#BC8A38 }
```

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