

Converting Colors

Decimal(12326417)

Have a look what the booklet for
Decimal(12326417) contains.

Decimal(12326417)	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(12326417)

Conversions

Conversions Part 1

Format	Color
Hex	BC1611
RGB	188, 22, 17
RGB Percent	74%, 9%, 7%
CMY	0.2627, 0.9137, 0.9333
CMYK	0.00, 0.88, 0.91, 0.26
HSL	2°, 83%, 40%
HSV	2°, 91%, 74%
XYZ	21.1271, 11.3057, 1.5990
YIQ	71.0640, 100.5410, 33.6370

Conversions

Conversions Part 2

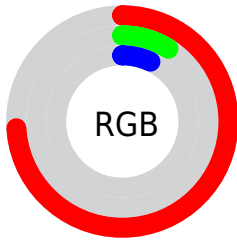
Format	Color
RYB	188, 22, 17
Decimal	12326417
CIELab	40.09, 61.11, 47.73
CIElCh	40, 77.542, 37.992
Yxy	11.3057, 0.6208, 0.3322
Android (android.graphics.Color)	4290516497 (0xFFBC1611)
YUV	71.0640, -26.6536, 102.5529
Hunter-Lab	33.6239, 53.3163, 20.7172

Details

The Decimal color **12326417** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **1161148**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **16603456**, and **8192000** is the 20% darker color. If you saturate the color by 10%, you get **12322048**, and if you desaturate by 10%, it is **12331044**.

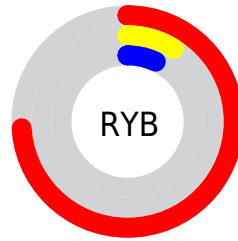
Distribution



Red (74%)

Green (9%)

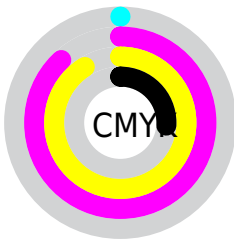
Blue (7%)



Red (74%)

Yellow (9%)

Blue (7%)

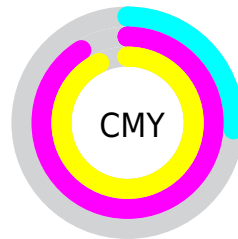


Cyan (0%)

Magenta (88%)

Yellow (91%)

Black (26%)



Cyan (26%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12326417 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 12326417 by changing the saturation by 10% instead.

 12326417

 12326417

 16777210

 10223616

 16603456

 8192000

 16741720

 6160384

 16748913

 4325379

 16756363

 2097153

 16763814

 0

 16771265

 16777181

 12326417

 12326417

■ 12322048

■ 12331044

■ 12335927

■ 12340553

■ 12345180

■ 12349807

■ 12354690

■ 12359317

■ 12363943

■ 12368570

Harmonies

Analogous

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



13107281



12326417



9980160

Triad

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



12326417



29994



25311

Complementary

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



12326417



1161148

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.



29398



12326417



30575

Square

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



12326417



749312



30636



7226308

Rectangle

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



12326417



7887616



30636



27104

Sweetspot

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



12326417



16102835



12325305



8016979



16448250



8026746

Same Dimension

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



12326417



16058112



12347665



6182229



10355968



2031872

Inverse Universe

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



1161148



61173



1139900



5594718



39326



7711

Previews

White Background



This preview shows how the Decimal color 12326417 looks on a white background.

Color Contrast Check

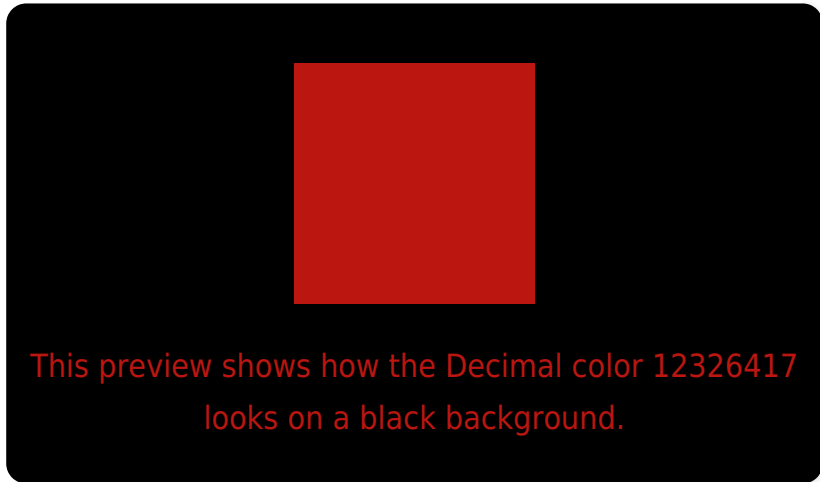
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Decimal 12326417 Background



This preview shows how black text looks on a background with the Decimal color 12326417.



This preview shows how white text looks on a background with the Decimal color 12326417.

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
12326417

Protanopia
7102497

Deuteranopia
7953152

Trichromacy



Original Color
12326417

Protanomaly
8996123

Deuteranomaly
9519622

Tritanomaly
12326417

Monochromacy



Original Color
12326417

Achromatopsia
4671303

Achromatomaly
7484723

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12326417 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 #BC1611 looks like.

```
.text, #text, p{  
  color:#BC1611  
}
```

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 #BC1611 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC1611
}
```

Border

The CSS property to change the border of an element to Decimal 12326417 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
#BC1611 }
```

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

```
.border{ border-color:#BC1611 }
```

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

Here you see how a box with a 4 pixel #BC1611 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC1611; -webkit-box-shadow:4px 4px  
4px 4px #BC1611; box-shadow:4px 4px 4px  
4px #BC1611 }
```

Background

The CSS property to change the background color of an element to Decimal 12326417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC1611 }
```

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

```
.background{ background-color:#BC1611 }
```

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