

Converting Colors

Decimal(12063319)

Have a look what the booklet for
Decimal(12063319) contains.

Decimal(12063319)	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(12063319)

Conversions

Conversions Part 1

Format	Color
Hex	B81257
RGB	184, 18, 87
RGB Percent	72%, 7%, 34%
CMY	0.2784, 0.9294, 0.6588
CMYK	0.00, 0.90, 0.53, 0.28
HSL	335°, 82%, 40%
HSV	335°, 90%, 72%
XYZ	21.7038, 11.3111, 10.0562
YIQ	75.5000, 76.7870, 56.6510

Conversions

Conversions Part 2

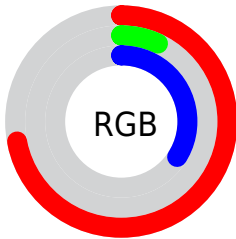
Format	Color
R_{YB}	184, 18, 87
Decimal	12063319
CIE _{Lab}	40.10, 63.80, 6.32
CIE _{LCh}	40, 64.115, 5.656
Yxy	11.3111, 0.5039, 0.2626
Android (android.graphics.Color)	4290253399 (0xFFB81257)
YUV	75.5000, 5.6695, 95.1545
Hunter-Lab	33.6319, 56.3358, 5.8143

Details

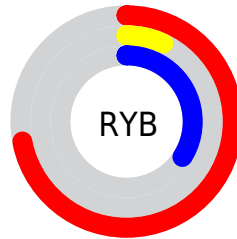
The Decimal color **12063319** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **1226867**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **16078984**, and **8126506** is the 20% darker color. If you saturate the color by 10%, you get **12058700**, and if you desaturate by 10%, it is **12067938**.

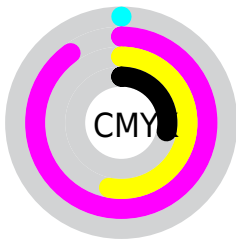
Distribution



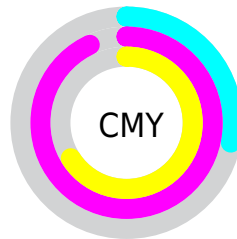
- Red (72%)
- Green (7%)
- Blue (34%)



- Red (72%)
- Yellow (7%)
- Blue (34%)



- Cyan (0%)
- Magenta (90%)
- Yellow (53%)
- Black (28%)



- Cyan (28%)
- Magenta (93%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12063319 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 12063319 by changing the saturation by 10% instead.

 12063319

 12063319

16777215

 10092608

 16078984

 8126506

 16741795

 6225942

 16748990

 4456451

 16756441

 2293761

 16763894

 0

 16771583

 12063319

 12063319

 12058700

 12067938

 12072813


 12077431

 12082306

 12086925

 12091544

 12096418

 12101037

 12105912

Harmonies

Analogous

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



10693259



12063319



11611428

Triad

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



12063319



3238912



28607

Complementary

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



12063319



1226867

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.



29851



12063319



29232

Square

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



12063319



7036928



30055



25288

Rectangle

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



12063319



10502656



30055



29365

Sweetspot

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



12063319



15773642



7541432



7885153



16250871



7895160

Same Dimension

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



12063319



15728740



12066834



6050646



10223681



1835020

Inverse Universe

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



12063319



15728740



1223352



6050646



10223681



1835020

Previews

White Background



This preview shows how the Decimal color 12063319 looks on a white background.

Color Contrast Check

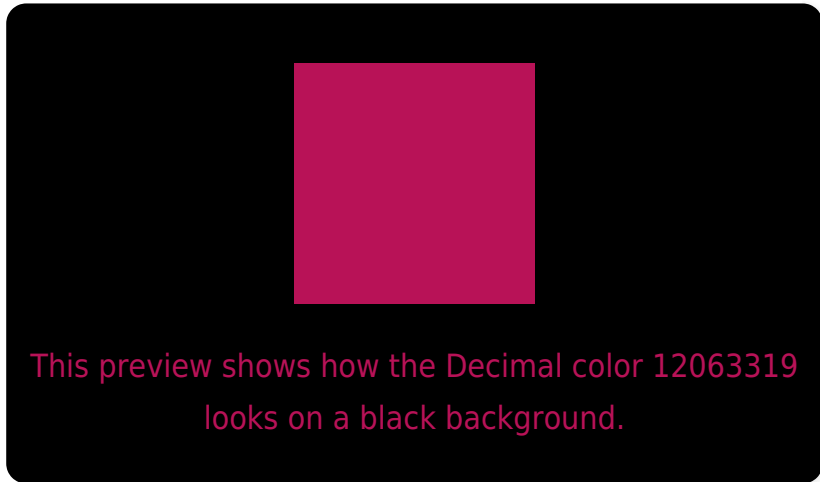
Large Text (above 18pt) WCAG AA ✓ Pass

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 12063319 Background



This preview shows how black text looks on a background with the Decimal color 12063319.



This preview shows how white text looks on a background with the Decimal color 12063319.

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

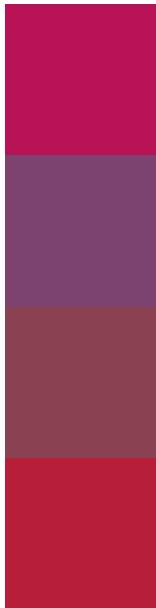


Original Color
12063319

Protanopia
5857148

Deuteranopia
7298127

Trichromacy



Original Color
12063319

Protanomaly
8143727

Deuteranomaly
9060690

Tritanomaly
12001080

Monochromacy



Original Color
12063319

Achromatopsia
5000268

Achromatomaly
7550800

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12063319 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 #B81257 looks like.

```
.text, #text, p{  
  color:#B81257  
}
```

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 #B81257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81257
}
```

Border

The CSS property to change the border of an element to Decimal 12063319 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
#B81257 }
```

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

```
.border{ border-color:#B81257 }
```

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

Here you see how a box with a 4 pixel #B81257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81257; -webkit-box-shadow:4px 4px  
4px 4px #B81257; box-shadow:4px 4px 4px  
4px #B81257 }
```

Background

The CSS property to change the background color of an element to Decimal 12063319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81257 }
```

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

```
.background{ background-color:#B81257 }
```

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