

Converting Colors

Decimal(12659285)

Have a look what the booklet for
Decimal(12659285) contains.

Decimal(12659285)	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(12659285)

Conversions

Conversions Part 1

Format	Color
Hex	C12A55
RGB	193, 42, 85
RGB Percent	76%, 16%, 33%
CMY	0.2431, 0.8353, 0.6667
CMYK	0.00, 0.78, 0.56, 0.24
HSL	343°, 64%, 46%
HSV	343°, 78%, 76%
XYZ	24.4600, 13.6493, 9.9397
YIQ	92.0510, 76.1930, 45.3850

Conversions

Conversions Part 2

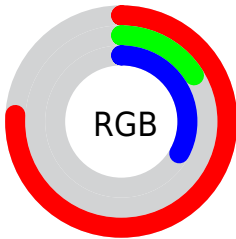
Format	Color
R_{YB}	193, 42, 85
Decimal	12659285
CIE Lab	43.73, 60.60, 12.92
CIE LCh	44, 61.960, 12.037
Yxy	13.6493, 0.5091, 0.2841
Android (android.graphics.Color)	4290849365 (0xFFC12A55)
YUV	92.0510, -3.4761, 88.5323
Hunter-Lab	36.9449, 53.5252, 9.9100

Details

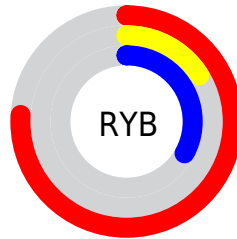
The Decimal color **12659285** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **2802070**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **16737926**, and **8716329** is the 20% darker color. If you saturate the color by 10%, you get **12654407**, and if you desaturate by 10%, it is **12664163**.

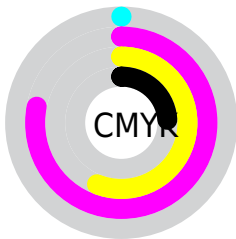
Distribution



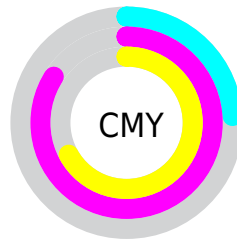
- Red (76%)
- Green (16%)
- Blue (33%)



- Red (76%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (78%)
- Yellow (56%)
- Black (24%)



- Cyan (24%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12659285 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 12659285 by changing the saturation by 10% instead.

 12659285

 12659285

16777215

 10682430

 16737926

 8716329

 16745120

 6750229

 16752571

 4915202

 16759767

 2949122

 16767475

 0

 16774911

 12659285

 12659285

 12654407

 12664163

■ 12649273

■ 12669297

■ 12648503

■ 12674174

■ 12679052

■ 12684186

■ 12689064

■ 12693942

■ 12698819

■ 12703953

Harmonies

Analogous

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



11678600



12659285



11878436

Triad

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



12659285



2979594



30410

Complementary

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



12659285



2802070

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.



32172



12659285



31813

Square

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



12659285



6974464



32379



26573

Rectangle

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



12659285



10637824



32379



31170

Sweetspot

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



12659285



16433361



9710273



8215140



16579836



8224125

Same Dimension

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



12659285



16387922



12666922



6379354



10551342



2162697

Inverse Universe

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



12659285



16387922



2794433



6379354



10551342



2162697

Previews

White Background



This preview shows how the Decimal color 12659285 looks on a white background.

Color Contrast Check

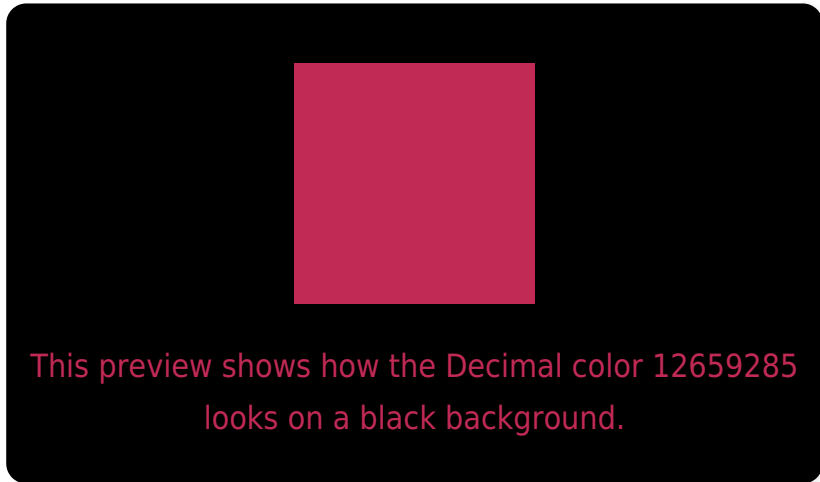
Large Text (above 18pt) WCAG AA ✓ Pass

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 12659285 Background



This preview shows how black text looks on a background with the Decimal color 12659285.



This preview shows how white text looks on a background with the Decimal color 12659285.

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
12659285

Protanopia
6776947

Deuteranopia
8086606

Trichromacy



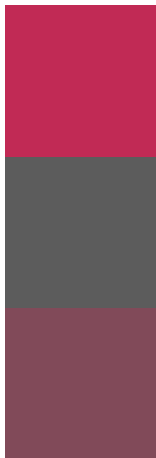
Original Color
12659285

Protanomaly
8933736

Deuteranomaly
9719633

Tritanomaly
12595008

Monochromacy



Original Color
12659285

Achromatopsia
6052956

Achromatomaly
8473177

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12659285 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 #C12A55 looks like.

```
.text, #text, p{  
  color:#C12A55  
}
```

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 #C12A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C12A55
}
```

Border

The CSS property to change the border of an element to Decimal 12659285 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
#C12A55 }
```

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

```
.border{ border-color:#C12A55 }
```

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

Here you see how a box with a 4 pixel #C12A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C12A55; -webkit-box-shadow:4px 4px  
4px 4px #C12A55; box-shadow:4px 4px 4px  
4px #C12A55 }
```

Background

The CSS property to change the background color of an element to Decimal 12659285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C12A55 }
```

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

```
.background{ background-color:#C12A55 }
```

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