

Converting Colors

Decimal(6299700)

Have a look what the booklet for
Decimal(6299700) contains.

Decimal(6299700)	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(6299700)

Conversions

Conversions Part 1

Format	Color
Hex	602034
RGB	96, 32, 52
RGB Percent	38%, 13%, 20%
CMY	0.6235, 0.8745, 0.7961
CMYK	0.00, 0.67, 0.46, 0.62
HSL	341°, 50%, 25%
HSV	341°, 67%, 38%
XYZ	5.9602, 3.7678, 3.6619
YIQ	53.4160, 31.7240, 19.7880

Conversions

Conversions Part 2

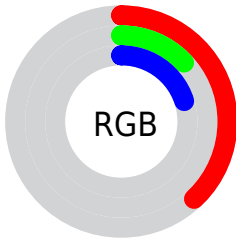
Format	Color
RYB	96, 32, 52
Decimal	6299700
CIELab	22.89, 31.02, 2.49
CIElCh	23, 31.123, 4.591
Yxy	3.7678, 0.4451, 0.2814
Android (android.graphics.Color)	4284489780 (0xFF602034)
YUV	53.4160, -0.6981, 37.3462
Hunter-Lab	19.4107, 20.8412, 2.4021

Details

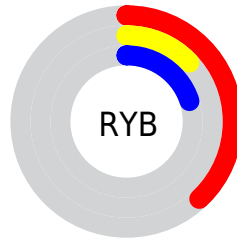
The Decimal color **6299700** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2121804**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **9785442**, and **3145734** is the 20% darker color. If you saturate the color by 10%, you get **6297133**, and if you desaturate by 10%, it is **6302267**.

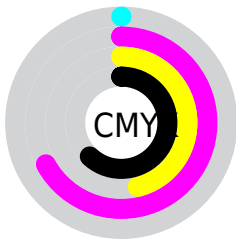
Distribution



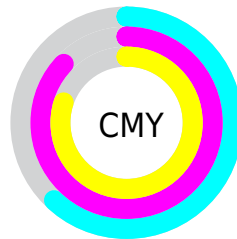
- Red (38%)
- Green (13%)
- Blue (20%)



- Red (38%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (67%)
- Yellow (46%)
- Black (62%)



- Cyan (62%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6299700 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 6299700 by changing the saturation by 10% instead.

 6299700

 6299700

16777215

 4589087

 9785442

 3145734

 11626875

 65536

 13468565

 0

 15376047

 16759243

 16766439

 16773631

 6299700

 6299700

■ 6297133

■ 6302267

■ 6294823

■ 6304577

■ 6292256

■ 6307144

■ 6291486

■ 6309454

■ 6312021

■ 6314588

■ 6316898

■ 6319465

■ 6321775

Harmonies

Analogous

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



5580107



6299700



6169886

Triad

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



6299700



2571533



15968

Complementary

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



6299700



2121804

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.



16720



6299700



16418

Square

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



6299700



4142850



16954



14437

Rectangle

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



6299700



5712657



16954



16220

Sweetspot

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



6299700



8217708



4989024



4206645



12566463



4210752

Same Dimension

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



6299700



8198456



6302752



3157037



7340067



15728715

Inverse Universe

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



6299700



8198456



2118752



3157037



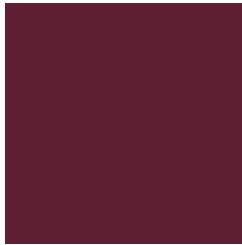
7340067



15728715

Previews

White Background



This preview shows how the Decimal color 6299700 looks on a white background.

Color Contrast Check

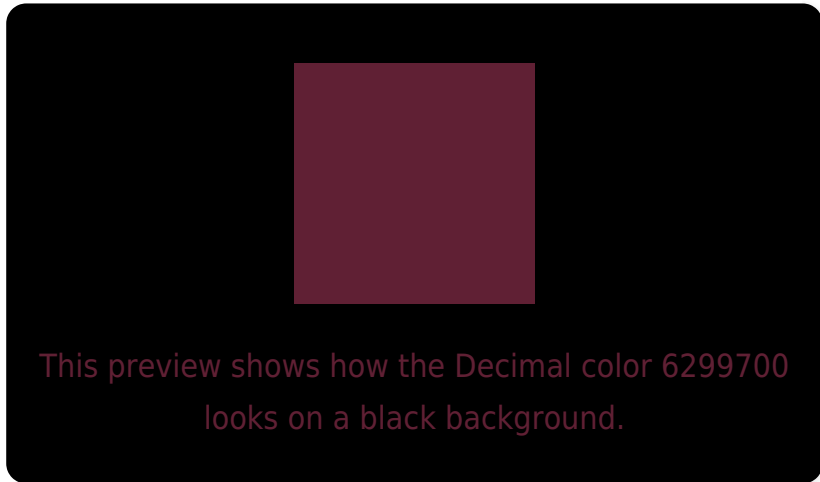
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

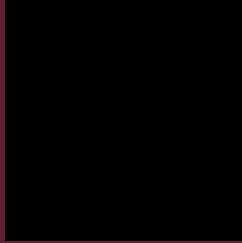
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 6299700 Background



This preview shows how black text looks on a background with the Decimal color 6299700.



This preview shows how white text looks on a background with the Decimal color 6299700.

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
6299700

Protanopia
3553089

Deuteranopia
4208177



Tritanopia
6234917

Trichromacy



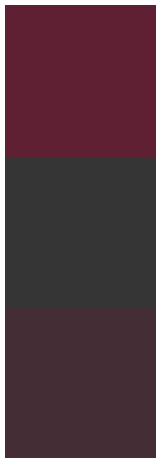
Original Color
6299700

Protanomaly
4534076

Deuteranomaly
4992562

Tritanomaly
6234666

Monochromacy



Original Color
6299700

Achromatopsia
3487029

Achromatomaly
4533557

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6299700 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 #602034 looks like.

```
.text, #text, p{  
    color:#602034  
}
```

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 #602034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602034
}
```

Border

The CSS property to change the border of an element to Decimal 6299700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

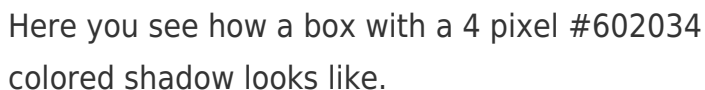
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#602034 }
```

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

```
.border{ border-color:#602034 }
```

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



Here you see how a box with a 4 pixel #602034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602034; -webkit-box-shadow:4px 4px  
4px 4px #602034; box-shadow:4px 4px 4px  
4px #602034 }
```

Background

The CSS property to change the background color of an element to Decimal 6299700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602034 }
```

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

```
.background{ background-color:#602034 }
```

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