

Converting Colors

Decimal(6619258)

Have a look what the booklet for
Decimal(6619258) contains.

Decimal(6619258)	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(6619258)

Conversions

Conversions Part 1

Format	Color
Hex	65007A
RGB	101, 0, 122
RGB Percent	40%, 0%, 48%
CMY	0.6039, 1.0000, 0.5216
CMYK	0.17, 1.00, 0.00, 0.52
HSL	290°, 100%, 24%
HSV	290°, 100%, 48%
XYZ	8.8797, 4.1718, 18.7496
YIQ	44.1070, 21.0340, 59.3540

Conversions

Conversions Part 2

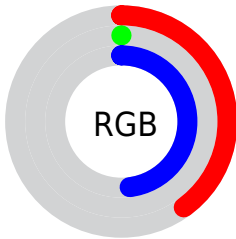
Format	Color
R_{YB}	101, 0, 122
Decimal	6619258
CIE _{Lab}	24.23, 53.46, -41.90
CIE _{LCh}	24, 67.929, 321.912
Yxy	4.1718, 0.2792, 0.1312
Android (android.graphics.Color)	4284809338 (0xFF65007A)
YUV	44.1070, 38.4012, 49.8952
Hunter-Lab	20.4251, 41.8579, -40.1288

Details

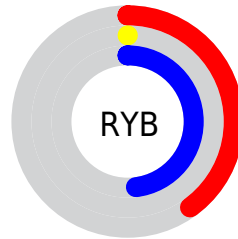
The Decimal color **6619258** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1407488**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **10240687**, and **3211336** is the 20% darker color. If you saturate the color by 10%, you get **6619258**, and if you desaturate by 10%, it is **6753402**.

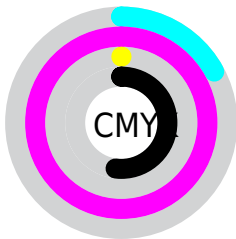
Distribution



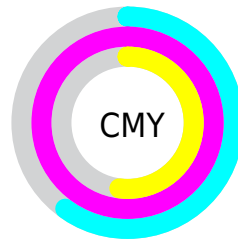
- Red (40%)
- Green (0%)
- Blue (48%)



- Red (40%)
- Yellow (0%)
- Blue (48%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6619258 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 6619258 by changing the saturation by 10% instead.

6619258

6619258

16777215

4849761

10240687

3211336

12082379

1507377

13989863

283

15897343

0

16756479

16763647

16771071

6619258

■ 6753402

■ 6887546

■ 7021946

■ 7156090

■ 7290234

■ 7489914

■ 7624058

■ 7758458

■ 7892602

Harmonies

Analogous

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



13211



6619258



8912970

Triad

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



6619258



5452544



19551

Complementary

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



6619258



1407488

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.



19242



6619258



2245120

Square

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



6619258



7737088



18432



19595

Rectangle

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



6619258



9240617



18432



19534

Sweetspot

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



6619258



9858974



5754



4862799



13619151



5197647

Same Dimension

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



6619258



8585374



7995475



3946301



6750333



13697276

Inverse Universe

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



7995413



10354715



31271



4011832



8192022



16515115

Previews

White Background



This preview shows how the Decimal color 6619258 looks on a white background.

Color Contrast Check

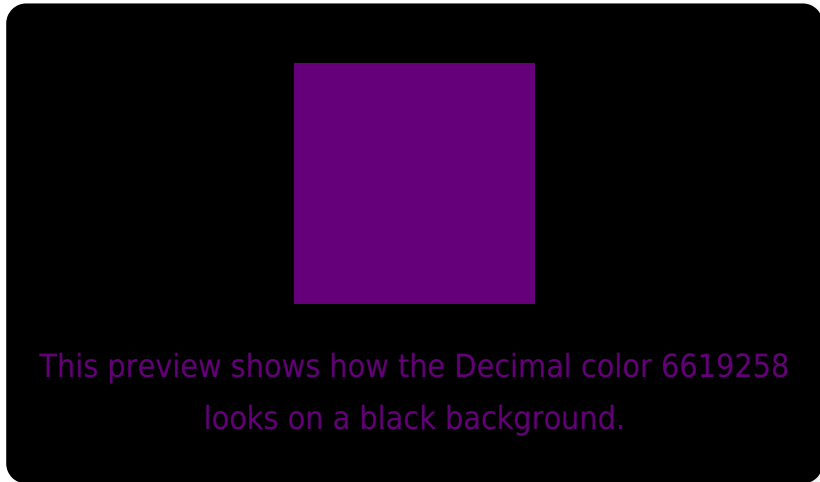
Large Text (above 18pt) WCAG AA ✓ Pass

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

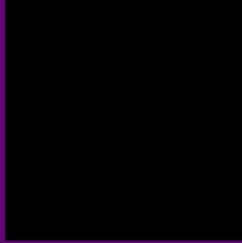
Any Text WCAG AA × Fail

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 6619258 Background



This preview shows how black text looks on a background with the Decimal color 6619258.




This preview shows how white text looks on a background with the Decimal color 6619258.

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





Tritanopia
5976115

Trichromacy



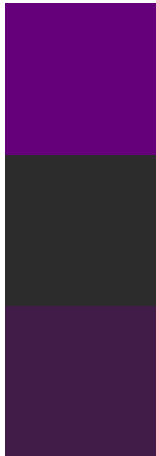
Original Color
6619258

Protanomaly
2434684

Deuteranomaly
2434930

Tritanomaly
6233933

Monochromacy



Original Color
6619258

Achromatopsia
2894892

Achromatomaly
4267080

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6619258 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 #65007A looks like.

```
.text, #text, p{  
    color:#65007A  
}
```

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 #65007A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65007A
}
```

Border

The CSS property to change the border of an element to Decimal 6619258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

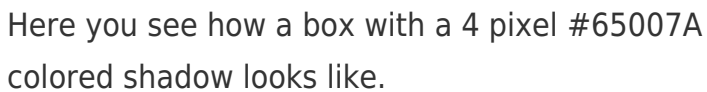
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65007A }
```

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

```
.border{ border-color:#65007A }
```

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



Here you see how a box with a 4 pixel #65007A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65007A; -webkit-box-shadow:4px 4px  
4px 4px #65007A; box-shadow:4px 4px 4px  
4px #65007A }
```

Background

The CSS property to change the background color of an element to Decimal 6619258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65007A }
```

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

```
.background{ background-color:#65007A }
```

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