

Converting Colors

Decimal(6497436)

Have a look what the booklet for
Decimal(6497436) contains.

Decimal(6497436)	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(6497436)

Conversions

Conversions Part 1

Format	Color
Hex	63249C
RGB	99, 36, 156
RGB Percent	39%, 14%, 61%
CMY	0.6118, 0.8588, 0.3882
CMYK	0.37, 0.77, 0.00, 0.39
HSL	272°, 63%, 38%
HSV	272°, 77%, 61%
XYZ	11.7772, 6.3147, 32.0506
YIQ	68.5170, -0.9720, 50.6760

Conversions

Conversions Part 2

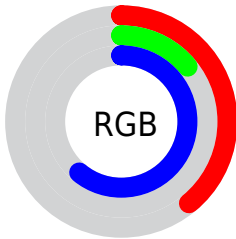
Format	Color
R_{YB}	99, 36, 156
Decimal	6497436
CIE _{Lab}	30.19, 50.16, -53.40
CIE _{LCh}	30, 73.265, 313.210
Yxy	6.3147, 0.2349, 0.1259
Android (android.graphics.Color)	4284687516 (0xFF63249C)
YUV	68.5170, 43.1291, 26.7336
Hunter-Lab	25.1291, 39.6815, -58.0305

Details

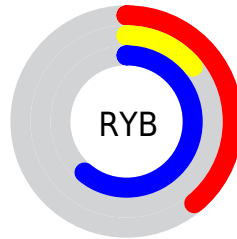
The Decimal color **6497436** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6134820**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **10180819**, and **2818152** is the 20% darker color. If you saturate the color by 10%, you get **6034588**, and if you desaturate by 10%, it is **6960284**.

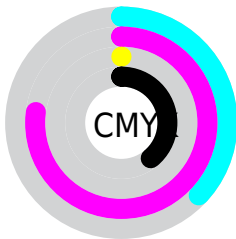
Distribution



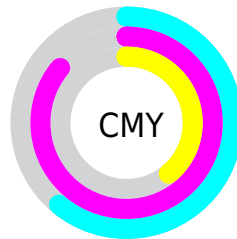
- Red (39%)
- Green (14%)
- Blue (61%)



- Red (39%)
- Yellow (14%)
- Blue (61%)



- Cyan (37%)
- Magenta (77%)
- Yellow (0%)
- Black (39%)



- Cyan (61%)
- Magenta (86%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6497436 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 6497436 by changing the saturation by 10% instead.

6497436

6497436

16777215

4654209

10180819

2818152

12022512

1114191

13929727

55

15837439

544

16761855

5

16769279

0

16776703

6497436

6497436

■ 6034588

■ 6960284

■ 5506460

■ 7488412

■ 5374108

■ 7951260

■ 8479388

■ 8942236

■ 9405084

■ 9933212

■ 10396060

■ 10924188

Harmonies

Analogous

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



18361



6497436



9961578

Triad

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



6497436



7419904



23648

Complementary

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



6497436



6134820

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.



23331



6497436



4279552

Square

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



6497436



9764864



22016



23702

Rectangle

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



6497436



10747972



22016



23628

Sweetspot

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



6497436



11967948



2383516



5785958



15132390



6710886

Same Dimension

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



6497436



7540940



10232986



4933455



4915343



524303

Inverse Universe

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



10232925



13373545



2399270



5195595



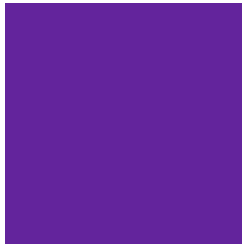
9371716



983047

Previews

White Background



This preview shows how the Decimal color 6497436 looks on a white background.

Color Contrast Check

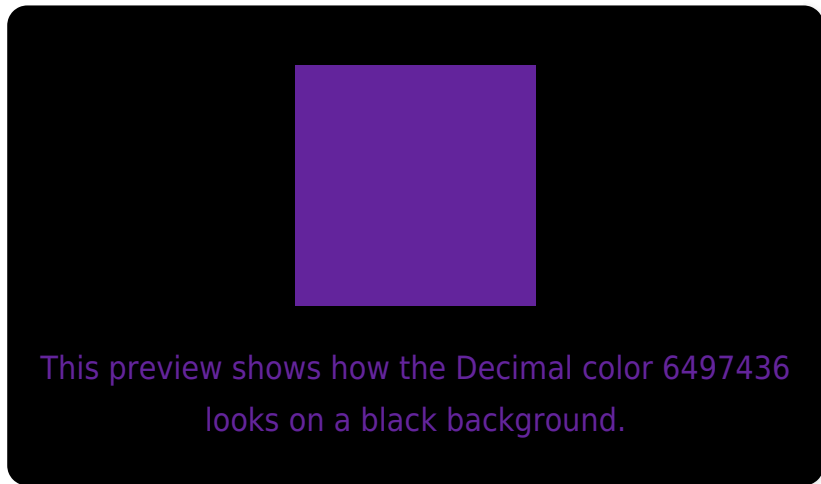
Large Text (above 18pt) WCAG AA ✓ Pass

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

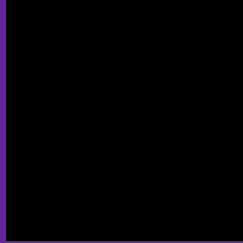
Any Text WCAG AA × Fail

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 6497436 Background



This preview shows how black text looks on a background with the Decimal color 6497436.

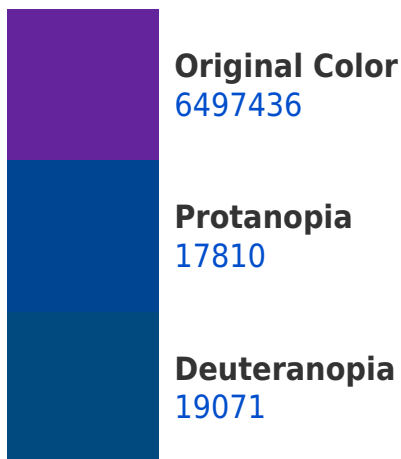



This preview shows how white text looks on a background with the Decimal color 6497436.

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
5391433

Trichromacy



Original Color
6497436



Protanomaly
2374038



Deuteranomaly
2374794



Tritanomaly
5781607

Monochromacy



Original Color
6497436



Achromatopsia
4539717



Achromatomaly
5257573

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6497436 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 #63249C looks like.

```
.text, #text, p{  
    color:#63249C  
}
```

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 #63249C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63249C
}
```

Border

The CSS property to change the border of an element to Decimal 6497436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

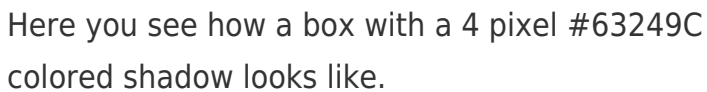
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63249C }
```

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

```
.border{ border-color:#63249C }
```

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



Here you see how a box with a 4 pixel #63249C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63249C; -webkit-box-shadow:4px 4px  
4px 4px #63249C; box-shadow:4px 4px 4px  
4px #63249C }
```

Background

The CSS property to change the background color of an element to Decimal 6497436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63249C }
```

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

```
.background{ background-color:#63249C }
```

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