

Converting Colors

Decimal(4202497)

Have a look what the booklet for
Decimal(4202497) contains.

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Color

Decimal(4202497)

Conversions

Conversions Part 1

Format	Color
Hex	402001
RGB	64, 32, 1
RGB Percent	25%, 13%, 0%
CMY	0.7490, 0.8745, 0.9961
CMYK	0.00, 0.50, 0.98, 0.75
HSL	30°, 97%, 13%
HSV	30°, 98%, 25%
XYZ	2.6363, 2.1252, 0.3000
YIQ	38.0340, 29.0230, -2.8570

Conversions

Conversions Part 2

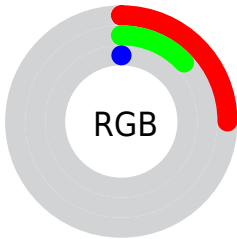
Format	Color
RYB	64, 62, 1
Decimal	4202497
CIELab	16.13, 12.86, 23.52
CIELCh	16, 26.806, 61.338
Yxy	2.1252, 0.5209, 0.4199
Android (android.graphics.Color)	4282392577 (0xFF402001)
YUV	38.0340, -18.2578, 22.7722
Hunter-Lab	14.5781, 6.7688, 8.9847

Details

The Decimal color **4202497** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **74048**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **7556144**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4202240**, and if you desaturate by 10%, it is **4203271**.

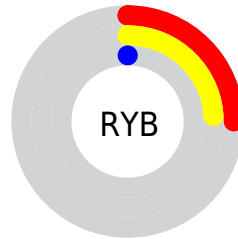
Distribution



Red (25%)

Green (13%)

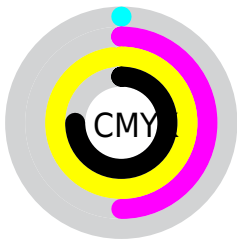
Blue (0%)



Red (25%)

Yellow (24%)

Blue (0%)

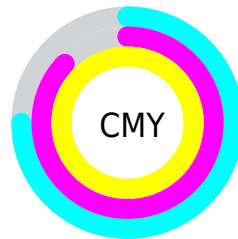


Cyan (0%)

Magenta (50%)

Yellow (98%)

Black (75%)



Cyan (75%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4202497 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 4202497 by changing the saturation by 10% instead.



4202497



4202497



16777187



2624256



7556144



0



9331782



11107678



12949367



14856849



16764588



16771783



4202497



4202497

■ 4202240

■ 4203271

■ 4204302

■ 4205076

■ 4205851

■ 4206625

■ 4207655

■ 4208430

■ 4209204

■ 4209979

Harmonies

Analogous

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



4790293



4202497



3286784

Triad

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



4202497



12584



2696009

Complementary

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



4202497



74048

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.



10830



4202497



12603

Square

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



4202497



12309



12105



4201019

Rectangle

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



4202497



2435840



12105



1910092

Sweetspot

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



4202497



5523259



4194594



2827036



11250603



2829099

Same Dimension

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



4202497



5515520



4210433



2170654



6369280



14708224

Inverse Universe

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



74048



11092



66112



1974305



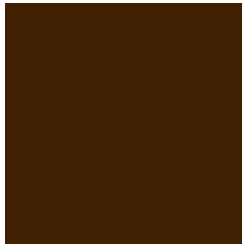
12641



29408

Previews

White Background



This preview shows how the Decimal color 4202497 looks on a white background.

Color Contrast Check

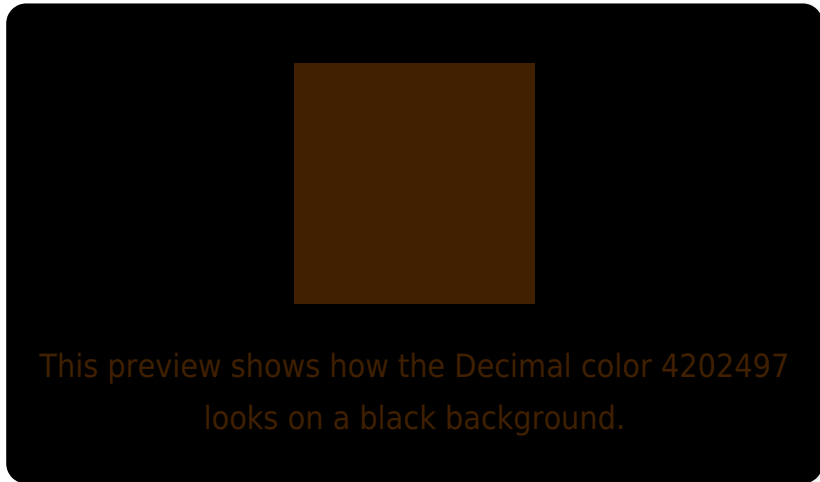
Large Text (above 18pt) WCAG AA ✓ Pass

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

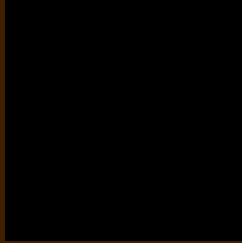
Any Text WCAG AA × Fail

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 4202497 Background



This preview shows how black text looks on a background with the Decimal color 4202497.

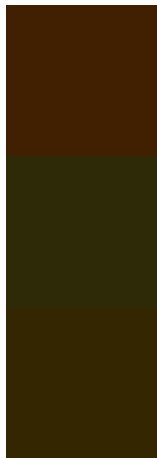


This preview shows how white text looks on a background with the Decimal color 4202497.

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
4202497

Protanopia
3025158

Deuteranopia
3417856

Trichromacy



Original Color
4202497

Protanomaly
3483140

Deuteranomaly
3679232

Tritanomaly
4267797

Monochromacy



Original Color
4202497

Achromatopsia
2500134

Achromatomaly
3089433

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4202497 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 #402001 looks like.

```
.text, #text, p{  
    color:#402001  
}
```

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 #402001 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402001
}
```

Border

The CSS property to change the border of an element to Decimal 4202497 is called "border". The border property can be set on classes, ids or directly on the HTML element.

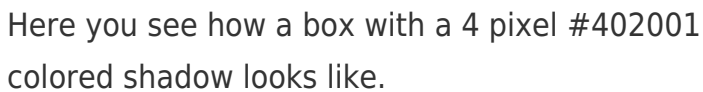
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402001 }
```

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

```
.border{ border-color:#402001 }
```

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



Here you see how a box with a 4 pixel #402001 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402001; -webkit-box-shadow:4px 4px  
4px 4px #402001; box-shadow:4px 4px 4px  
4px #402001 }
```

Background

The CSS property to change the background color of an element to Decimal 4202497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402001 }
```

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

```
.background{ background-color:#402001 }
```

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](#).

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