

Converting Colors

Decimal(7942502)

Have a look what the booklet for
Decimal(7942502) contains.

Decimal(7942502)	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(7942502)

Conversions

Conversions Part 1

Format	Color
Hex	793166
RGB	121, 49, 102
RGB Percent	47%, 19%, 40%
CMY	0.5255, 0.8078, 0.6000
CMYK	0.00, 0.60, 0.16, 0.53
HSL	316°, 42%, 33%
HSV	316°, 60%, 47%
XYZ	11.3817, 7.2209, 13.3643
YIQ	76.5700, 25.8990, 31.7470

Conversions

Conversions Part 2

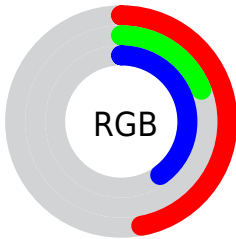
Format	Color
R_{YB}	121, 49, 102
Decimal	7942502
CIE _{Lab}	32.30, 38.24, -16.11
CIE _{LCh}	32, 41.494, 337.155
Yxy	7.2209, 0.3560, 0.2259
Android (android.graphics.Color)	4286132582 (0xFF793166)
YUV	76.5700, 12.5370, 38.9651
Hunter-Lab	26.8717, 28.5798, -10.6768

Details

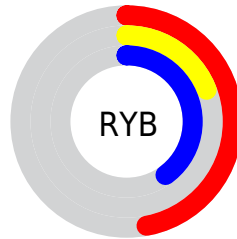
The Decimal color **7942502** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3242308**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **11494297**, and **4587575** is the 20% darker color. If you saturate the color by 10%, you get **7939427**, and if you desaturate by 10%, it is **7945577**.

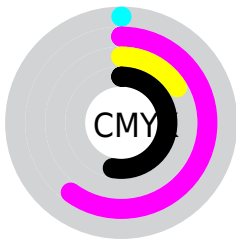
Distribution



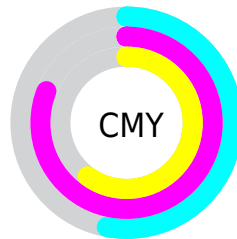
- Red (47%)
- Green (19%)
- Blue (40%)



- Red (47%)
- Yellow (19%)
- Blue (40%)



- Cyan (0%)
- Magenta (60%)
- Yellow (16%)
- Black (53%)



- Cyan (53%)
- Magenta (81%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7942502 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 7942502 by changing the saturation by 10% instead.



7942502



7942502

16777215



6231886



11494297



4587575



13335988



3080226



15243472



655367



16757740



0



16764927



16772351



7942502



7942502



7939427



7945577

7936352

7948652

7933276

7951728

7930201

7954803

7929945

7957878

7961209

7964284

7967360

7970435

Harmonies

Analogous

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



5718144



7942502



8792902

Triad

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



7942502



5590272



23155

Complementary

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



7942502



3242308

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.



23379



7942502



3298578

Square

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



7942502



7356683



22833



22152

Rectangle

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



7942502



8728368



22833



23401

Sweetspot

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



7942502



10388119



4403577



5193290



13619151



5197647

Same Dimension

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



7942502



10366592



7942467



4011836



8192092



16515258

Inverse Universe

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



7942502



10366592



3242343



4011836



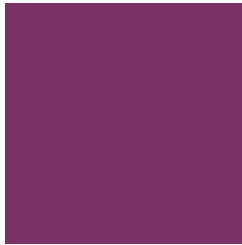
8192092



16515258

Previews

White Background



This preview shows how the Decimal color 7942502 looks on a white background.

Color Contrast Check

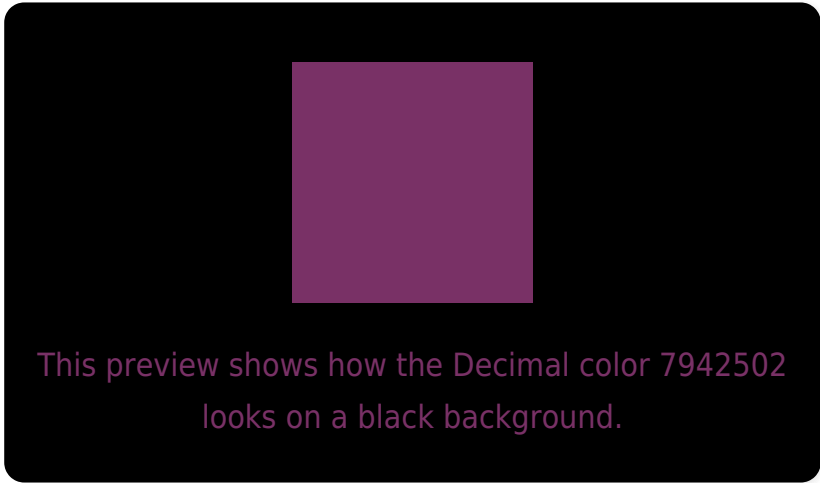
Large Text (above 18pt) WCAG AA ✓ Pass

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

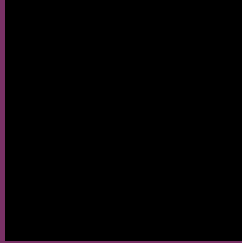
Any Text WCAG AA × Fail

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 7942502 Background



This preview shows how black text looks on a background with the Decimal color 7942502.

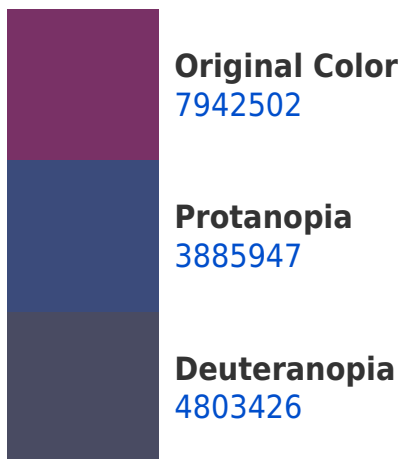


This preview shows how white text looks on a background with the Decimal color 7942502.

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



Trichromacy



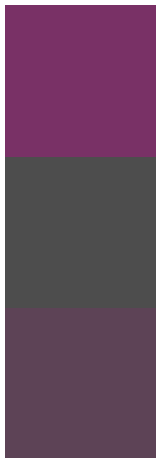
Original Color
7942502

Protanomaly
5390963

Deuteranomaly
5915235

Tritanomaly
7747405

Monochromacy



Original Color
7942502

Achromatopsia
5066061

Achromatomaly
6112086

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7942502 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 #793166 looks like.

```
.text, #text, p{  
    color:#793166  
}
```

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 #793166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #793166
}
```

Border

The CSS property to change the border of an element to Decimal 7942502 is called "border". The border property can be set on classes, ids or directly on the HTML element.

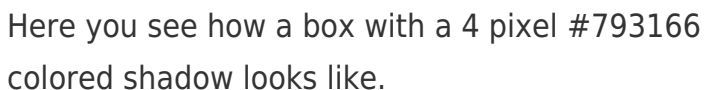
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#793166 }
```

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

```
.border{ border-color:#793166 }
```

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



Here you see how a box with a 4 pixel #793166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #793166; -webkit-box-shadow:4px 4px  
4px 4px #793166; box-shadow:4px 4px 4px  
4px #793166 }
```

Background

The CSS property to change the background color of an element to Decimal 7942502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#793166 }
```

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

```
.background{ background-color:#793166 }
```

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