

Converting Colors

Decimal(8004456)

Have a look what the booklet for
Decimal(8004456) contains.

Decimal(8004456)	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(8004456)

Conversions

Conversions Part 1

Format	Color
Hex	7A2368
RGB	122, 35, 104
RGB Percent	48%, 14%, 41%
CMY	0.5216, 0.8627, 0.5922
CMYK	0.00, 0.71, 0.15, 0.52
HSL	312°, 55%, 31%
HSV	312°, 71%, 48%
XYZ	11.1258, 6.3391, 13.7339
YIQ	68.8790, 29.7030, 39.9030

Conversions

Conversions Part 2

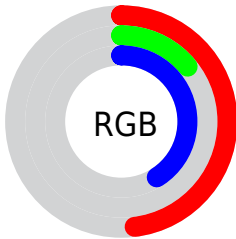
Format	Color
R_{YB}	122, 35, 104
Decimal	8004456
CIE _{Lab}	30.25, 45.22, -20.56
CIE _{LCh}	30, 49.676, 335.556
Yxy	6.3391, 0.3566, 0.2032
Android (android.graphics.Color)	4286194536 (0xFF7A2368)
YUV	68.8790, 17.3147, 46.5871
Hunter-Lab	25.1776, 34.8168, -14.7172

Details

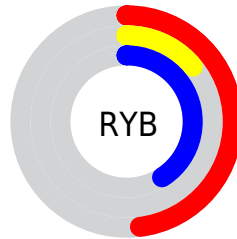
The Decimal color **8004456** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2325045**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **11622555**, and **4587577** is the 20% darker color. If you saturate the color by 10%, you get **8001381**, and if you desaturate by 10%, it is **8007531**.

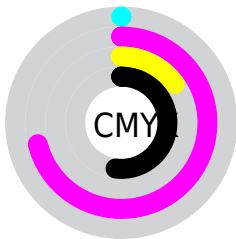
Distribution



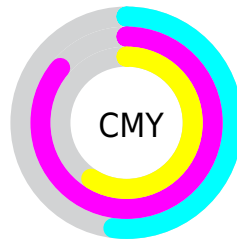
- Red (48%)
- Green (14%)
- Blue (41%)



- Red (48%)
- Yellow (14%)
- Blue (41%)



- Cyan (0%)
- Magenta (71%)
- Yellow (15%)
- Black (52%)



- Cyan (52%)
- Magenta (86%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8004456 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 8004456 by changing the saturation by 10% instead.

 8004456

 8004456

16777215

 6291792

 11622555

 4587577

 13464246

 3145763

 15371730

 262153

 16754926

 0

 16762111

 16769279

 16776703

 8004456

 8004456

■ 8001381

■ 8007531

■ 7998307

■ 8010605

■ 7995489

■ 8013936

■ 8017010

■ 8020085

■ 8023159

■ 8026234

■ 8029564

■ 8032639

Harmonies

Analogous

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



5192071



8004456



9049666

Triad

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



8004456



5326848



22644

Complementary

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



8004456



2325045

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.



22606



8004456



2576640

Square

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



8004456



7354624



22053



21646

Rectangle

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



8004456



8920617



22053



22632

Sweetspot

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



8004456



10386839



3416954



5192523



13619151



5197647

Same Dimension

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



8004456



10360450



8004413



4011836



8192099



16515272

Inverse Universe

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



8004456



10360450



2325088



4011836



8192099



16515272

Previews

White Background



This preview shows how the Decimal color 8004456 looks on a white background.

Color Contrast Check

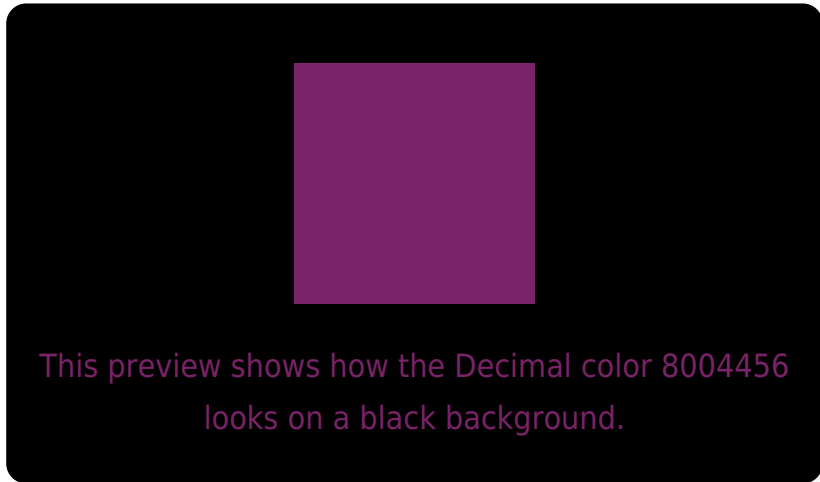
Large Text (above 18pt) WCAG AA ✓ Pass

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

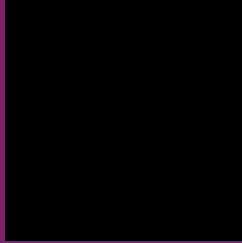
Any Text WCAG AA × Fail

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 8004456 Background



This preview shows how black text looks on a background with the Decimal color 8004456.

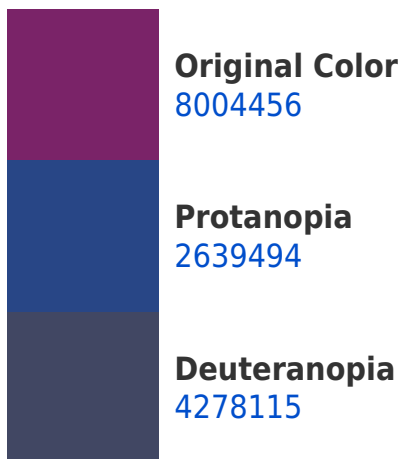


This preview shows how white text looks on a background with the Decimal color 8004456.

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
8004456

Protanomaly
4602235

Deuteranomaly
5651045

Tritanomaly
7810376

Monochromacy



Original Color
8004456

Achromatopsia
4539717

Achromatomaly
5781842

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8004456 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 #7A2368 looks like.

```
.text, #text, p{  
    color:#7A2368  
}
```

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 #7A2368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A2368
}
```

Border

The CSS property to change the border of an element to Decimal 8004456 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".

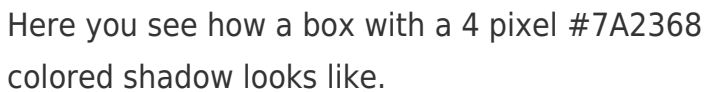
```
.border, #border, table{ border:4px solid
#7A2368 }
```

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

```
.border{ border-color:#7A2368 }
```

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

Here you see how a box with a 4 pixel #7A2368 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A2368; -webkit-box-shadow:4px 4px  
4px 4px #7A2368; box-shadow:4px 4px 4px  
4px #7A2368 }
```

Background

The CSS property to change the background color of an element to Decimal 8004456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A2368 }
```

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

```
.background{ background-color:#7A2368 }
```

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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