

Converting Colors

Decimal(9044002)

Have a look what the booklet for
Decimal(9044002) contains.

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Color

Decimal(9044002)

Conversions

Conversions Part 1

Format	Color
Hex	8A0022
RGB	138, 0, 34
RGB Percent	54%, 0%, 13%
CMY	0.4588, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.75, 0.46
HSL	345°, 100%, 27%
HSV	345°, 100%, 54%
XYZ	10.7700, 5.5188, 2.0110
YIQ	45.1380, 71.3340, 39.8300

Conversions

Conversions Part 2

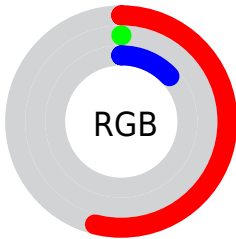
Format	Color
RYB	138, 0, 34
Decimal	9044002
CIELab	28.16, 51.59, 23.28
CIELCh	28, 56.597, 24.287
Yxy	5.5188, 0.5885, 0.3016
Android (android.graphics.Color)	4287234082 (0xFF8A0022)
YUV	45.1380, -5.4910, 81.4400
Hunter-Lab	23.4921, 40.7225, 11.3691

Details

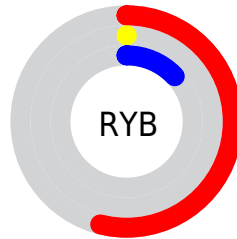
The Decimal color **9044002** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **35432**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **12994126**, and **5177344** is the 20% darker color. If you saturate the color by 10%, you get **9044002**, and if you desaturate by 10%, it is **9047596**.

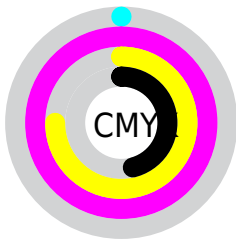
Distribution



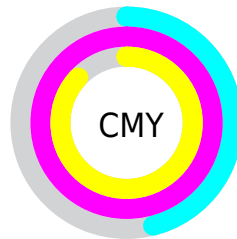
- Red (54%)
- Green (0%)
- Blue (13%)



- Red (54%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9044002 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 9044002 by changing the saturation by 10% instead.

 9044002

 9044002

16777215

 7143437

 12994126

 5177344

 15032678

 3473410

 16743551

 65536

 16750745

 0

 16757940

 16765135

 16772843

 9044002

 9047596

 9051191

 9054529

 9058124

 9061718

 9065312

 9068907

 9072245

 9075840

Harmonies

Analogous

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



8912973



9044002



7874560

Triad

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



9044002



20741



19355

Complementary

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



9044002



35432

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.



21130



9044002



21560

Square

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



9044002



3164672



21605



2046867

Rectangle

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



9044002



6633472



21605



20119

Sweetspot

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



9044002



11763082



6815882



5847361



14277081



5855577

Same Dimension

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



9044002



11730988



9052928



4537920



8716321



327681

Inverse Universe

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



9044002



11730988



26762



4537920



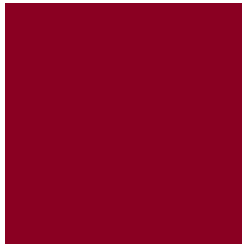
8716321



327681

Previews

White Background



This preview shows how the Decimal color 9044002 looks on a white background.

Color Contrast Check

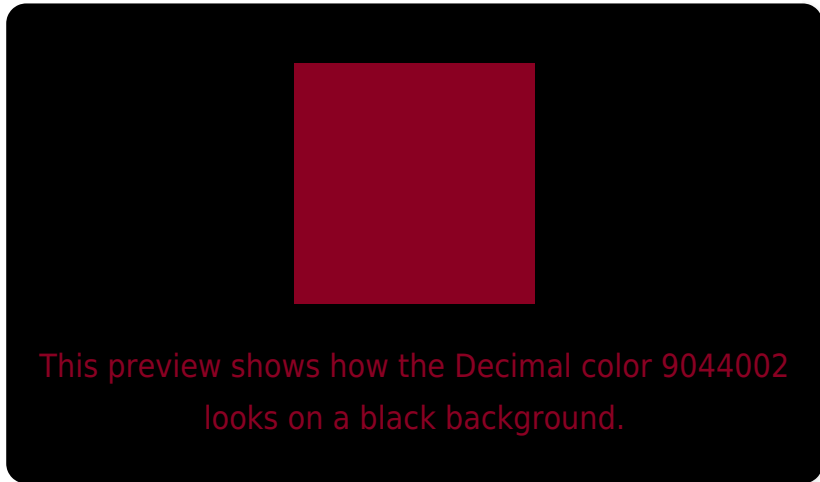
Large Text (above 18pt) WCAG AA ✓ Pass

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 9044002 Background



This preview shows how black text looks on a background with the Decimal color 9044002.



This preview shows how white text looks on a background with the Decimal color 9044002.

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

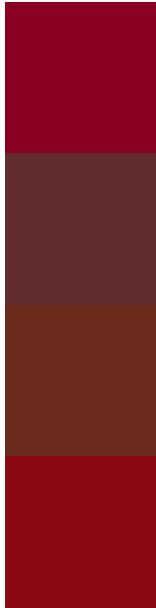


Original Color
9044002

Protanopia
4933171

Deuteranopia
5718810

Trichromacy



Original Color
9044002

Protanomaly
6434093

Deuteranomaly
6957853

Tritanomaly
9046290

Monochromacy



Original Color
9044002

Achromatopsia
2960685

Achromatomaly
5184809

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9044002 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 #8A0022 looks like.

```
.text, #text, p{  
  color:#8A0022  
}
```

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 #8A0022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A0022
}
```

Border

The CSS property to change the border of an element to Decimal 9044002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

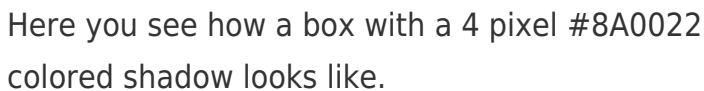
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A0022 }
```

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

```
.border{ border-color:#8A0022 }
```

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



Here you see how a box with a 4 pixel #8A0022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A0022; -webkit-box-shadow:4px 4px  
4px 4px #8A0022; box-shadow:4px 4px 4px  
4px #8A0022 }
```

Background

The CSS property to change the background color of an element to Decimal 9044002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A0022 }
```

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

```
.background{ background-color:#8A0022 }
```

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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