

# Converting Colors

Decimal(10813500)

Have a look what the booklet for  
Decimal(10813500) contains.

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# Color

**Decimal(10813500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5003C
RGB	165, 0, 60
RGB Percent	65%, 0%, 24%
CMY	0.3529, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.64, 0.35
HSL	338°, 100%, 32%
HSV	338°, 100%, 65%
XYZ	16.3327, 8.3256, 5.0211
YIQ	56.1750, 79.0800, 53.6400

# Conversions

## Conversions Part 2

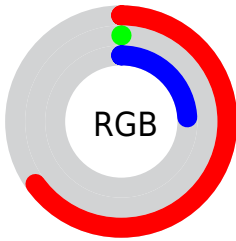
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 0, 60
Decimal	10813500
CIELab	34.65, 59.65, 15.61
CIELCh	35, 61.659, 14.665
Yxy	8.3256, 0.5503, 0.2805
Android (android.graphics.Color)	4289003580 (0xFFA5003C)
YUV	56.1750, 1.8857, 95.4395
Hunter-Lab	28.8541, 50.5441, 9.8803

# Details

The Decimal color **10813500** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **42345**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **14830955**, and **6881299** is the 20% darker color. If you saturate the color by 10%, you get **10813500**, and if you desaturate by 10%, it is **10817606**.

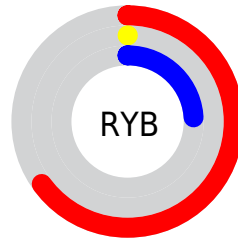
# Distribution



Red (65%)

Green (0%)

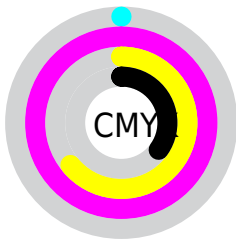
Blue (24%)



Red (65%)

Yellow (0%)

Blue (24%)

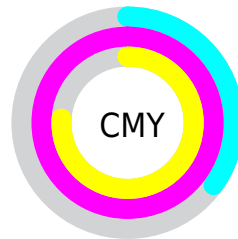


Cyan (0%)

Magenta (100%)

Yellow (64%)

Black (35%)



Cyan (35%)

Magenta (100%)

















Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10813500 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 10813500 by changing the saturation by 10% instead.



 10813500	 10813500
 16777215	 8847399
 14830955	 6881299
 16738948	 4980737
 16746142	 3080194
 16753337	 0
 16760788	
 16768241	
 16775935	
 10813500	

 10817606

 10821969

 10826331

 10830438

 10834544

 10838907

 10843013

 10847376

 10851482

# Harmonies

## Analogous

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



10096237



10813500



9906954

# Triad

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



10813500



24576



24497

# Complementary

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



10813500



42345

# 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.



26006



10813500



25654

# Square

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



10813500



5199616



26217



20658

# Rectangle

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



10813500



8666624



26217



25003



# Sweetspot

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



10813500



14063277



6881445



7030099



15461355



7039851



# Same Dimension

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



10813500



14024782



10819072



5392716



9502773



1179654



# Inverse Universe

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



10813500



14024782



36773



5392716



9502773



1179654



# Previews

## White Background



This preview shows how the Decimal color 10813500 looks on a white background.

## Color Contrast Check

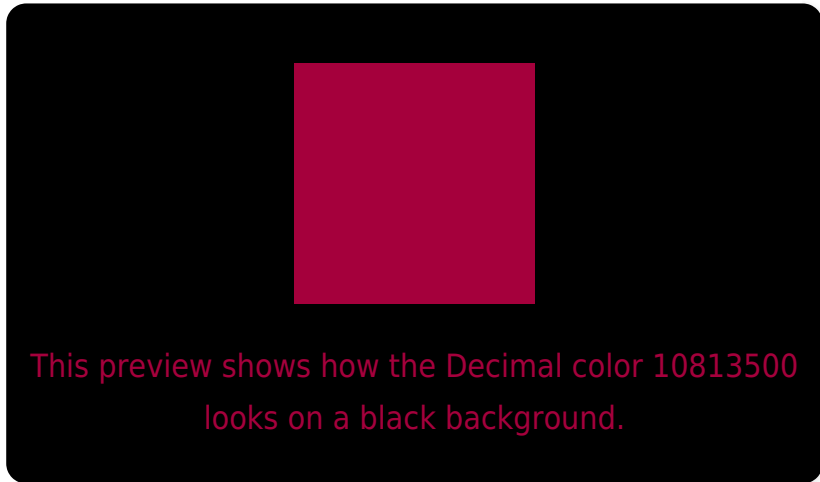
Large Text (above 18pt) WCAG AA ✓ Pass

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 10813500 Background



This preview shows how black text looks on a background with the Decimal color 10813500.

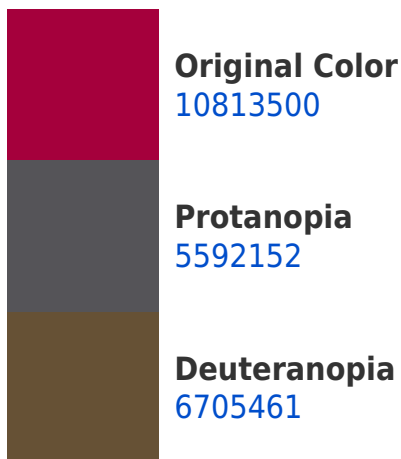


This preview shows how white text looks on a background with the Decimal color 10813500.

# 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**  
10813500

**Protanomaly**  
7484750

**Deuteranomaly**  
8205368

**Tritanomaly**  
10751780

# Monochromacy



**Original Color**  
10813500

**Achromatopsia**  
3684408

**Achromatomaly**  
6300729

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10813500 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 #A5003C looks like.

```
.text, #text, p{  
    color:#A5003C  
}
```

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 #A5003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5003C
}
```

## Border

The CSS property to change the border of an element to Decimal 10813500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

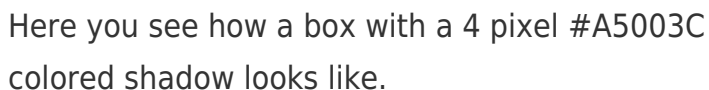
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A5003C }
```

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

```
.border{ border-color:#A5003C }
```

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



Here you see how a box with a 4 pixel #A5003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5003C; -webkit-box-shadow:4px 4px  
4px 4px #A5003C; box-shadow:4px 4px 4px  
4px #A5003C }
```

# Background

The CSS property to change the background color of an element to Decimal 10813500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5003C }
```

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

```
.background{ background-color:#A5003C }
```

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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