

Converting Colors

Decimal(12200490)

Have a look what the booklet for
Decimal(12200490) contains.

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Color

Decimal(12200490)

Conversions

Conversions Part 1

Format	Color
Hex	BA2A2A
RGB	186, 42, 42
RGB Percent	73%, 16%, 16%
CMY	0.2706, 0.8353, 0.8353
CMYK	0.00, 0.77, 0.77, 0.27
HSL	0°, 63%, 45%
HSV	0°, 77%, 73%
XYZ	21.4956, 12.2622, 3.4244
YIQ	85.0560, 85.8240, 30.5280

Conversions

Conversions Part 2

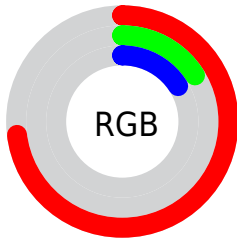
Format	Color
RYB	186, 42, 42
Decimal	12200490
CIELab	41.63, 56.23, 36.23
CIElCh	42, 66.889, 32.797
Yxy	12.2622, 0.5781, 0.3298
Android (android.graphics.Color)	4290390570 (0xFFBA2A2A)
YUV	85.0560, -21.2266, 88.5279
Hunter-Lab	35.0174, 48.2924, 18.7142

Details

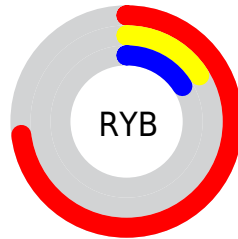
The Decimal color **12200490** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2800314**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **16344152**, and **8192000** is the 20% darker color. If you saturate the color by 10%, you get **12195607**, and if you desaturate by 10%, it is **12205373**.

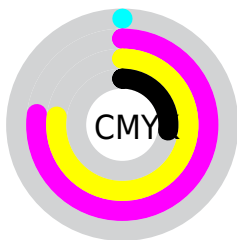
Distribution



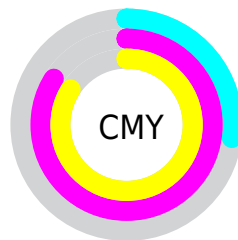
- Red (73%)
- Green (16%)
- Blue (16%)



- Red (73%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (77%)
- Yellow (77%)
- Black (27%)



- Cyan (27%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12200490 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 12200490 by changing the saturation by 10% instead.

 12200490	 12200490
 16777215	 10158101
 16344152	 8192000
 16744561	 6160384
 16751754	 4325378
 16758949	 2228225
 16766400	 0
 16773852	
 16777209	
 12200490	 12200490

■ 12195607

■ 12205373

■ 12190981

■ 12209999

■ 12189696

■ 12214882

■ 12219508

■ 12224391

■ 12229274

■ 12233900

■ 12238783

■ 12243409

Harmonies

Analogous

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



12521056



12200490



10373888

Triad

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



12200490



30251



26834

Complementary

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



12200490



2800314

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.



30149



12200490



31078

Square

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



12200490



3763968



31133



6508992

Rectangle

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



12200490



8608512



31133



28113

Sweetspot

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



12200490



15907771



12200634



8018008



16448250



8026746

Same Dimension

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



12200490



15864081



12218922



6050643



10223616



1835008

Inverse Universe

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



2800314



1176306



2781882



5463132



40092



7196

Previews

White Background



This preview shows how the Decimal color 12200490 looks on a white background.

Color Contrast Check

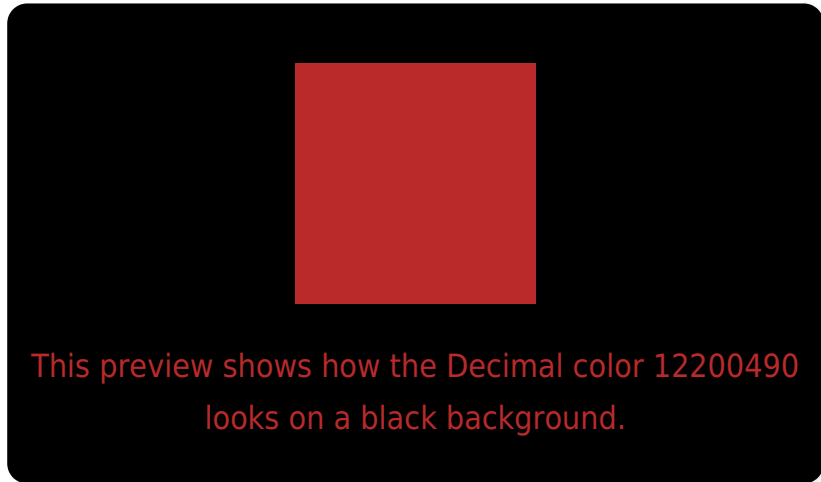
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 12200490 Background



This preview shows how black text looks on a background with the Decimal color 12200490.



This preview shows how white text looks on a background with the Decimal color 12200490.

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
12200490

Protanopia
7168827

Deuteranopia
8150559



Tritanopia
12200491

Trichromacy



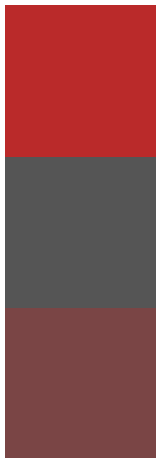
Original Color
12200490

Protanomaly
8998453

Deuteranomaly
9653027

Tritanomaly
12200491

Monochromacy



Original Color
12200490

Achromatopsia
5592405

Achromatomaly
8013125

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12200490 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 #BA2A2A looks like.

```
.text, #text, p{  
    color:#BA2A2A  
}
```

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 #BA2A2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA2A2A
}
```

Border

The CSS property to change the border of an element to Decimal 12200490 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".

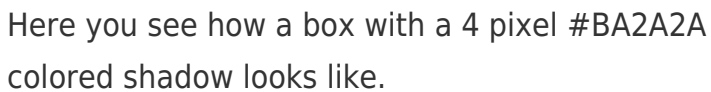
```
.border, #border, table{ border:4px solid
#BA2A2A }
```

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

```
.border{ border-color:#BA2A2A }
```

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

Here you see how a box with a 4 pixel #BA2A2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA2A2A; -webkit-box-shadow:4px 4px  
4px 4px #BA2A2A; box-shadow:4px 4px 4px  
4px #BA2A2A }
```

Background

The CSS property to change the background color of an element to Decimal 12200490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA2A2A }
```

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

```
.background{ background-color:#BA2A2A }
```

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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