

Converting Colors

Decimal(12400896)

Have a look what the booklet for
Decimal(12400896) contains.

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Color

Decimal(12400896)

Conversions

Conversions Part 1

Format	Color
Hex	BD3900
RGB	189, 57, 0
RGB Percent	74%, 22%, 0%
CMY	0.2588, 0.7765, 1.0000
CMYK	0.00, 0.70, 1.00, 0.26
HSL	18°, 100%, 37%
HSV	18°, 100%, 74%
XYZ	22.4494, 13.7451, 1.4699
YIQ	89.9700, 96.9690, 10.2570

Conversions

Conversions Part 2

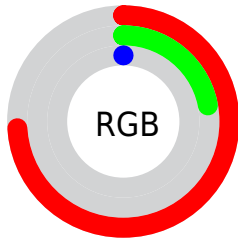
Format	Color
RYB	189, 82, 0
Decimal	12400896
CIELab	43.87, 51.03, 55.59
CIElCh	44, 75.465, 47.450
Yxy	13.7451, 0.5960, 0.3649
Android (android.graphics.Color)	4290590976 (0xFFBD3900)
YUV	89.9700, -44.3552, 86.8493
Hunter-Lab	37.0743, 43.2059, 23.6014

Details

The Decimal color **12400896** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **33981**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **16609080**, and **8257536** is the 20% darker color. If you saturate the color by 10%, you get **12400896**, and if you desaturate by 10%, it is **12404243**.

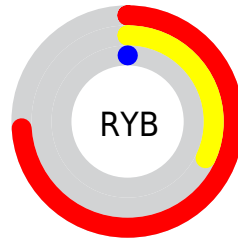
Distribution



Red (74%)

Green (22%)

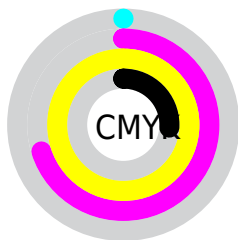
Blue (0%)



Red (74%)

Yellow (32%)

Blue (0%)

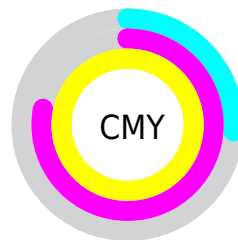


Cyan (0%)

Magenta (70%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12400896 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 12400896 by changing the saturation by 10% instead.

 12400896

 12400896

 16777204

 10361344

 16609080

 8257536

 16747345

 6291456

 16754282

 4390913

 16761733

 2490369

 16768927

 0

 16776635

 16777175

 12400896

 12404243

 12407590

 12411193

 12414540

 12417887

 12421233

 12424580

 12428183

 12431530

Harmonies

Analogous

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



13697095



12400896



9722624

Triad

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



12400896



32842



25569

Complementary

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



12400896



33981

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.



30692



12400896



33420

Square

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



12400896



31488



32964



9781438

Rectangle

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



12400896



7432704



32964



27622

Sweetspot

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



12400896



16106155



12386436



8019022



16448250



8026746

Same Dimension

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



12400896



16075264



12424960



6182997



10366976



2033920

Inverse Universe

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



33981



44021



9917



5594206



28318



5407

Previews

White Background



This preview shows how the Decimal color 12400896 looks on a white background.

Color Contrast Check

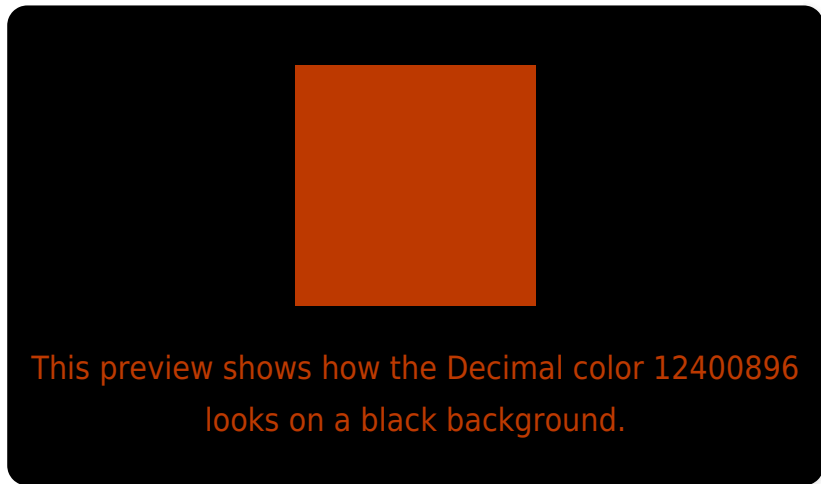
Large Text (above 18pt) WCAG AA ✓ Pass

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 12400896 Background



This preview shows how black text looks on a background with the Decimal color 12400896.



This preview shows how white text looks on a background with the Decimal color 12400896.

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

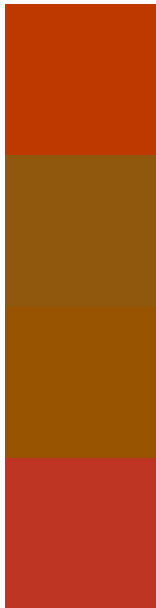


Original Color
12400896

Protanopia
7760149

Deuteranopia
8676096

Trichromacy



Original Color
12400896

Protanomaly
9459725

Deuteranomaly
10048512

Tritanomaly
12465699

Monochromacy



Original Color
12400896

Achromatopsia
5921370

Achromatomaly
8277561

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12400896 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 #BD3900 looks like.

```
.text, #text, p{  
    color:#BD3900  
}
```

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 #BD3900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD3900
}
```

Border

The CSS property to change the border of an element to Decimal 12400896 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
#BD3900 }
```

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

```
.border{ border-color:#BD3900 }
```

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

Here you see how a box with a 4 pixel #BD3900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD3900; -webkit-box-shadow:4px 4px  
4px 4px #BD3900; box-shadow:4px 4px 4px  
4px #BD3900 }
```

Background

The CSS property to change the background color of an element to Decimal 12400896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD3900 }
```

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

```
.background{ background-color:#BD3900 }
```

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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