

# Converting Colors

Decimal(11282976)

Have a look what the booklet for  
Decimal(11282976) contains.

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# Color

**Decimal(11282976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC2A20
RGB	172, 42, 32
RGB Percent	67%, 16%, 13%
CMY	0.3255, 0.8353, 0.8745
CMYK	0.00, 0.76, 0.81, 0.33
HSL	4°, 69%, 40%
HSV	4°, 81%, 67%
XYZ	18.1019, 10.5309, 2.4451
YIQ	79.7300, 80.6900, 24.4500

# Conversions

## Conversions Part 2

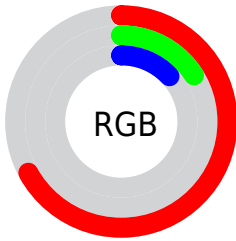
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	172, 43, 32
Decimal	11282976
CIE Lab	38.78, 51.56, 38.02
CIE LCh	39, 64.060, 36.407
Yxy	10.5309, 0.5825, 0.3389
Android (android.graphics.Color)	4289473056 (0xFFAC2A20)
YUV	79.7300, -23.5309, 80.9208
Hunter-Lab	32.4513, 42.7808, 18.2486

# Details

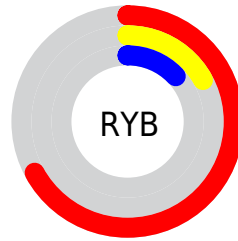
The Decimal color **11282976** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2138796**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **15360590**, and **7274496** is the 20% darker color. If you saturate the color by 10%, you get **11278863**, and if you desaturate by 10%, it is **11287089**.

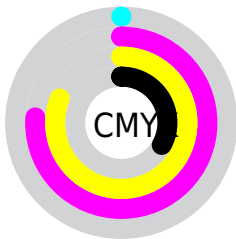
# Distribution



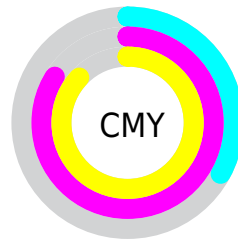
- Red (67%)
- Green (16%)
- Blue (13%)



- Red (67%)
- Yellow (17%)
- Blue (13%)



- Cyan (0%)
- Magenta (76%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (84%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11282976 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 11282976 by changing the saturation by 10% instead.



 11282976

 11282976

16777215

 9241098

 15360590

 7274496

 16743782

 5308416

 16750975

 3604482

 16758170

 524288

 16765365

 0

 16772816

 16777197

 11282976

 11282976

■ 11278863

■ 11287089

■ 11275264

■ 11291202

■ 11295316

■ 11299429

■ 11303542

■ 11307655

■ 11311768

■ 11315882

■ 11319995

# Harmonies

## Analogous

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



11798867



11282976



9455616

# Triad

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



11282976



28462



24516

# Complementary

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



11282976



2138796

# 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.



27835



11282976



29030

# Square

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



11282976



2844928



29080



6768560

# Rectangle

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



11282976



7689984



29080



25797



# Sweetspot

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



11282976



14724779



11280547



7361104



15790320



7368816



# Same Dimension

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



11282976



14685188



11300640



5721934



9833216



1507840

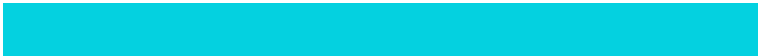


# Inverse Universe

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



2138796



315872



2121132



5133911



35990



5399



# Previews

## White Background



This preview shows how the Decimal color 11282976 looks on a white background.

## Color Contrast Check

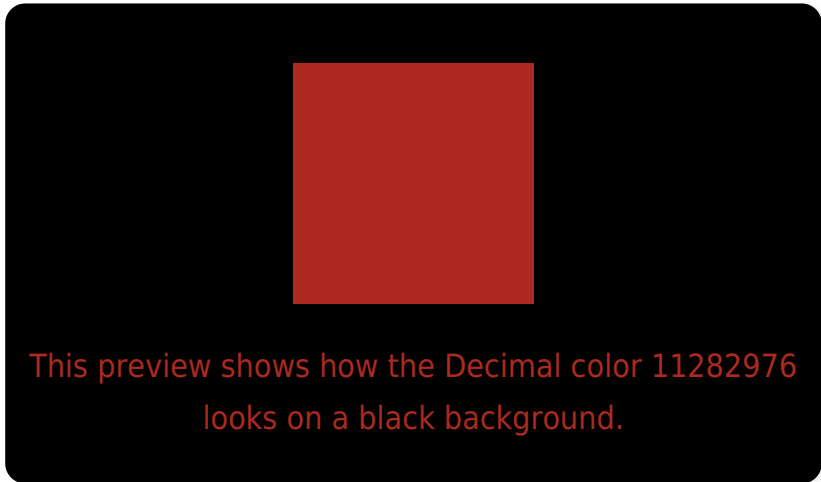
Large Text (above 18pt) WCAG AA ✓ Pass

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 11282976 Background



This preview shows how black text looks on a background with the Decimal color 11282976.



This preview shows how white text looks on a background with the Decimal color 11282976.

# 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**  
11282976

**Protanopia**  
6708526

**Deuteranopia**  
7690259



# Trichromacy



**Original Color**  
11282976

**Protanomaly**  
8342057

**Deuteranomaly**  
8996632

**Tritanomaly**  
11282726

# Monochromacy



**Original Color**  
11282976

**Achromatopsia**  
5263440

**Achromatomaly**  
7422527

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11282976 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 #AC2A20 looks like.

```
.text, #text, p{  
    color:#AC2A20  
}
```

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 #AC2A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2A20
}
```

## Border

The CSS property to change the border of an element to Decimal 11282976 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
#AC2A20 }
```

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

```
.border{ border-color:#AC2A20 }
```

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

Here you see how a box with a 4 pixel #AC2A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2A20; -webkit-box-shadow:4px 4px  
4px 4px #AC2A20; box-shadow:4px 4px 4px  
4px #AC2A20 }
```

# Background

The CSS property to change the background color of an element to Decimal 11282976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2A20 }
```

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

```
.background{ background-color:#AC2A20 }
```

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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