

Converting Colors

Decimal(11517696)

Have a look what the booklet for
Decimal(11517696) contains.

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Color

Decimal(11517696)

Conversions

Conversions Part 1

Format	Color
Hex	AFBF00
RGB	175, 191, 0
RGB Percent	69%, 75%, 0%
CMY	0.3137, 0.2510, 1.0000
CMYK	0.08, 0.00, 1.00, 0.25
HSL	65°, 100%, 37%
HSV	65°, 100%, 75%
XYZ	36.3100, 46.3756, 7.0376
YIQ	164.4420, 51.7750, -62.7930

Conversions

Conversions Part 2

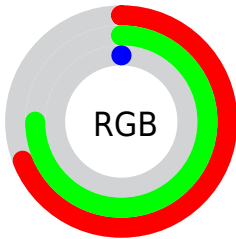
Format	Color
RYB	0, 191, 16
Decimal	11517696
CIELab	73.79, -24.22, 74.54
CIELCh	74, 78.380, 108.000
Yxy	46.3756, 0.4047, 0.5169
Android (android.graphics.Color)	4289707776 (0xFFAFBF00)
YUV	164.4420, -81.0699, 9.2594
Hunter-Lab	68.0996, -24.0000, 41.5425

Details

The Decimal color **11517696** is a dark color, and the websafe version is hex **CCCC00**. A complement of this color would be **1048767**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **15398737**, and **7768576** is the 20% darker color. If you saturate the color by 10%, you get **11517696**, and if you desaturate by 10%, it is **11648787**.

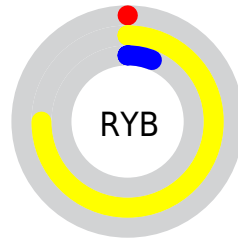
Distribution



Red (69%)

Green (75%)

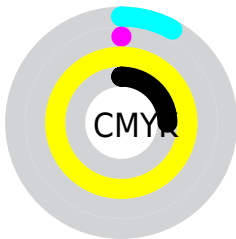
Blue (0%)



Red (0%)

Yellow (75%)

Blue (6%)

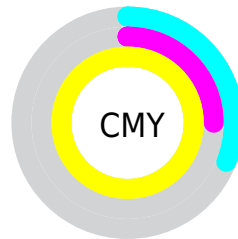


Cyan (8%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (31%)


















Magenta (25%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11517696 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 11517696 by changing the saturation by 10% instead.

 11517696	 11517696
 16777215	 9610240
 15398737	 7768576
 16777070	 5926912
 16777099	 4085760
 16777127	 2310400
 16777156	 403968
 16777186	 5632
	 0

 11517696

 11648787

 11714342

 11845433

 11910988

 12042080

 12173171

 12238726

 12369817

 12435372

Harmonies

Analogous

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



15771654



11517696



5623373

Triad

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



11517696



54271



16740821

Complementary

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



11517696



1048767

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.



15634175



11517696



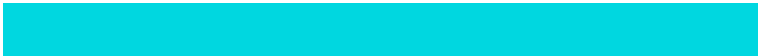
50943

Square

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



11517696



55264



7778047



16740237

Rectangle

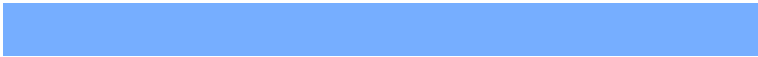
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11517696



54140



7778047



16742893

Sweetspot

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



11517696



15857581



12521472



7961936



16579836



8224125

Same Dimension

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



11517696



14939904



5291776



6184533



9543168



1842944

Inverse Universe

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



1048767



1376503



7274687



5657950



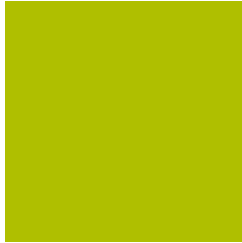
852126



196639

Previews

White Background



This preview shows how the Decimal color 11517696 looks on a white 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

Black Background



This preview shows how the Decimal color 11517696 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 11517696 Background



This preview shows how black text looks on a background with the Decimal color 11517696.



This preview shows how white text looks on a background with the Decimal color 11517696.

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
11517696

Protanopia
13415936

Deuteranopia
14986271



Tritanopia
12432063

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 11517696 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 #AFBF00 looks like.

```
.text, #text, p{  
    color:#AFBF00  
}
```

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 #AFBF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFBF00
}
```

Border

The CSS property to change the border of an element to Decimal 11517696 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
#AFBF00 }
```

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

```
.border{ border-color:#AFBF00 }
```

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

Here you see how a box with a 4 pixel #AFBF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFBF00; -webkit-box-shadow:4px 4px  
4px 4px #AFBF00; box-shadow:4px 4px 4px  
4px #AFBF00 }
```

Background

The CSS property to change the background color of an element to Decimal 11517696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFBF00 }
```

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

```
.background{ background-color:#AFBF00 }
```

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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