

Converting Colors

Decimal(11523632)

Have a look what the booklet for
Decimal(11523632) contains.

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Color

Decimal(11523632)

Conversions

Conversions Part 1

Format	Color
Hex	AFD630
RGB	175, 214, 48
RGB Percent	69%, 84%, 19%
CMY	0.3137, 0.1608, 0.8118
CMYK	0.18, 0.00, 0.78, 0.16
HSL	74°, 67%, 51%
HSV	74°, 78%, 84%
XYZ	42.2593, 57.4205, 11.6523
YIQ	183.4150, 30.0420, -59.8940

Conversions

Conversions Part 2

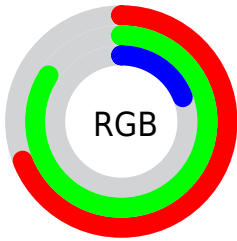
Format	Color
RYB	48, 214, 87
Decimal	11523632
CIELab	80.42, -33.96, 71.28
CIELCh	80, 78.958, 115.477
Yxy	57.4205, 0.3796, 0.5158
Android (android.graphics.Color)	4289713712 (0xFFAFD630)
YUV	183.4150, -66.7596, -7.3800
Hunter-Lab	75.7763, -33.0619, 43.9263

Details

The Decimal color **11523632** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **5714134**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **15400812**, and **7773952** is the 20% darker color. If you saturate the color by 10%, you get **11195931**, and if you desaturate by 10%, it is **11851333**.

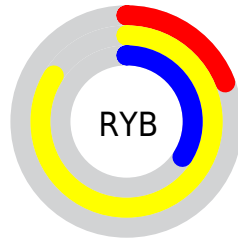
Distribution



Red (69%)

Green (84%)

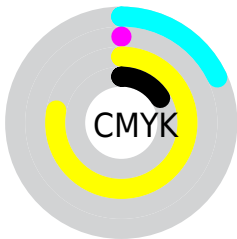
Blue (19%)



Red (19%)

Yellow (84%)

Blue (34%)

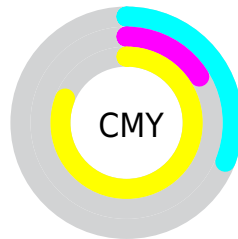


Cyan (18%)

Magenta (0%)

Yellow (78%)

Black (16%)



Cyan (31%)



















Magenta (16%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11523632 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 11523632 by changing the saturation by 10% instead.

 11523632	 11523632
 16777215	 9615872
 15400812	 7773952
 16777096	 5932288
 16777125	 4090624
 16777153	 2118400
 16777183	 15104
 16777212	 9728
	 768
	 0

■ 11523632

■ 11523632

■ 11195931

■ 11851333

■ 10868229

■ 12179035

■ 10802688

■ 12506736

■ 12834438

■ 13162139

■ 13489840

■ 13817542

■ 14145243

■ 14472945

Harmonies

Analogous

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



16171035



11523632



4449135

Triad

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



11523632



58367



16744662

Complementary

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



11523632



5714134

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.



16750847



11523632



54271

Square

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



11523632



60159



11713023



16746125

Rectangle

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



11523632



59552



11713023



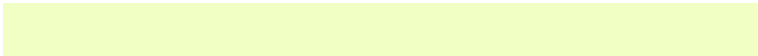
16745967

Sweetspot

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



11523632



15859652



14047024



7831644



0



8421504

Same Dimension

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



11523632



13106962



6084144



6908768



8628992



2173696

Inverse Universe

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



5714134



4854527



11153622



6512747



2621611



655403

Previews

White Background



This preview shows how the Decimal color 11523632 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 11523632 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 11523632 Background



This preview shows how black text looks on a background with the Decimal color 11523632.

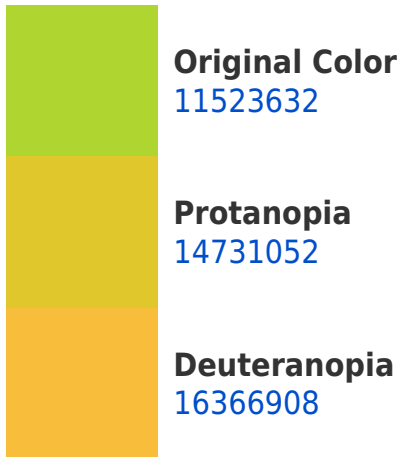


This preview shows how white text looks on a background with the Decimal color 11523632.

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





Tritanopia
12634071

Trichromacy



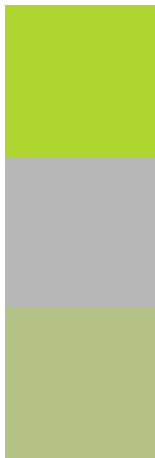
Original Color
11523632

Protanomaly
13552685

Deuteranomaly
14599736

Tritanomaly
12242074

Monochromacy



Original Color
11523632

Achromatopsia
12040119

Achromatomaly
11846278

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11523632 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 #AFD630 looks like.

```
.text, #text, p{  
    color:#AFD630  
}
```

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 #AFD630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFD630
}
```

Border

The CSS property to change the border of an element to Decimal 11523632 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
#AFD630 }
```

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

```
.border{ border-color:#AFD630 }
```

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

Here you see how a box with a 4 pixel #AFD630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFD630; -webkit-box-shadow:4px 4px  
4px 4px #AFD630; box-shadow:4px 4px 4px  
4px #AFD630 }
```

Background

The CSS property to change the background color of an element to Decimal 11523632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFD630 }
```

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

```
.background{ background-color:#AFD630 }
```

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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