

Converting Colors

Decimal(332300)

Have a look what the booklet for
Decimal(332300) contains.

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Color

Decimal(332300)

Conversions

Conversions Part 1

Format	Color
Hex	05120C
RGB	5, 18, 12
RGB Percent	2%, 7%, 5%
CMY	0.9804, 0.9294, 0.9529
CMYK	0.72, 0.00, 0.33, 0.93
HSL	152°, 57%, 5%
HSV	152°, 72%, 7%
XYZ	0.3453, 0.4914, 0.4245
YIQ	13.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

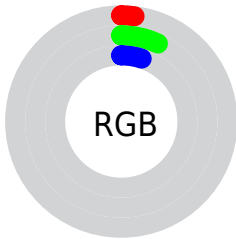
Format	Color
RYB	5, 13, 18
Decimal	332300
CIELab	4.44, -4.99, 1.58
CIELCh	4, 5.235, 162.413
Yxy	0.4914, 0.2738, 0.3897
Android (android.graphics.Color)	4278522380 (0xFF05120C)
YUV	13.4290, -0.7045, -7.3922
Hunter-Lab	7.0101, -3.4765, 1.3169

Details

The Decimal color **332300** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1180939**, and the grayscale version is **855309**.

A 20% lighter version of the original color is **3357752**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **201227**, and if you desaturate by 10%, it is **463373**.

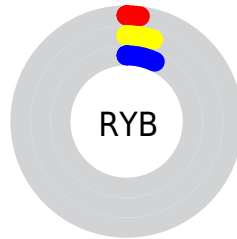
Distribution



Red (2%)

Green (7%)

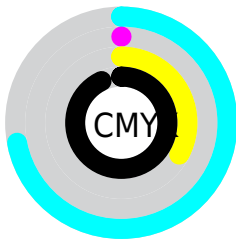
Blue (5%)



Red (2%)

Yellow (5%)

Blue (7%)

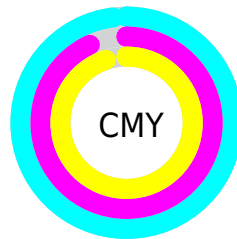


Cyan (72%)

Magenta (0%)

Yellow (33%)

Black (93%)



Cyan (98%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 332300 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 332300 by changing the saturation by 10% instead.



332300



332300



15135468



0



3357752



4870990



6384742



8029567



9740185



11516596



13293008



332300



332300

■ 201227

■ 463373

■ 70154

■ 594446

■ 4618

■ 659982

■ 791055

■ 922128

■ 1053201

■ 1184274

■ 1249811

■ 1380883

Harmonies

Analogous

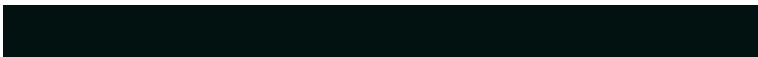
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



725255



332300



135697

Triad

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



332300



855831



1576200

Complementary

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



332300



1180939

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.



1575949



332300



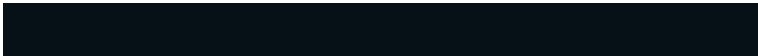
1248534

Square

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



332300



397591



1510418



1445380

Rectangle

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



332300



70164



1510418



1575946

Sweetspot

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



332300



1185557



725509



593163



9211020



855309

Same Dimension

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



332300



202510



332306



592394



18984



51564

Inverse Universe

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



1180939



1508108



1180933



657674



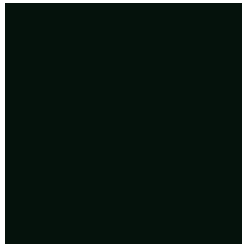
4849698



13172829

Previews

White Background



This preview shows how the Decimal color 332300 looks on a white background.

Color Contrast Check

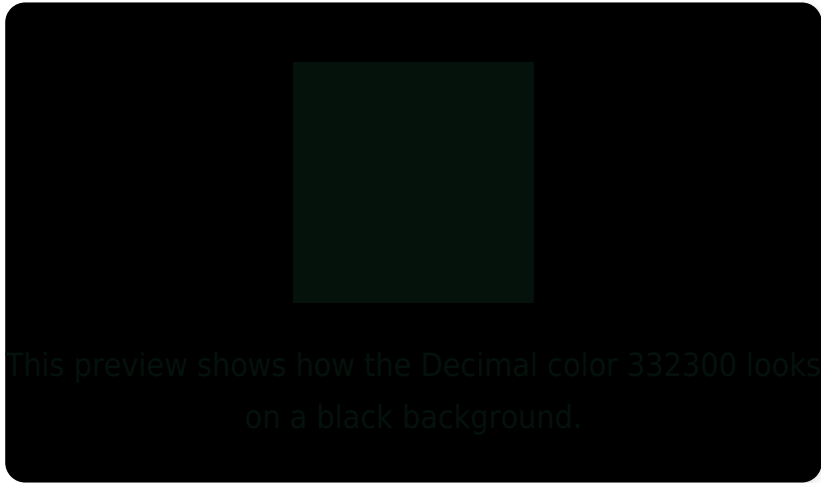
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

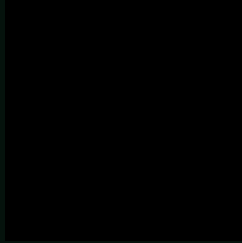
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 332300 Background



This preview shows how black text looks on a background with the Decimal color 332300.

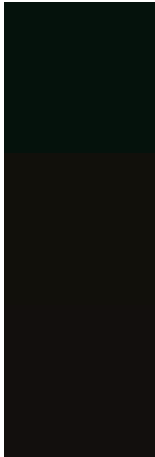


This preview shows how white text looks on a background with the Decimal color 332300.

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
332300

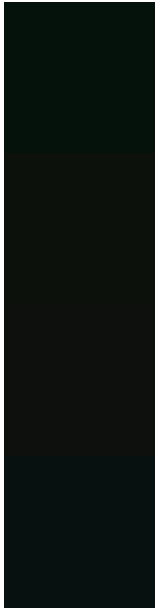
Protanopia
1118219

Deuteranopia
1183501



Tritanopia
528659

Trichromacy



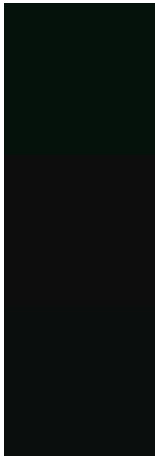
Original Color
332300

Protanomaly
856331

Deuteranomaly
856077

Tritanomaly
463120

Monochromacy



Original Color
332300

Achromatopsia
855309

Achromatomaly
659213

CSS Examples

Text

The CSS property to change the color of the text to Decimal 332300 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 #05120C looks like.

```
.text, #text, p{  
    color:#05120C  
}
```

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 #05120C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05120C
}
```

Border

The CSS property to change the border of an element to Decimal 332300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

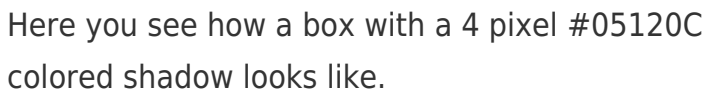
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#05120C }
```

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

```
.border{ border-color:#05120C }
```

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



Here you see how a box with a 4 pixel #05120C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05120C; -webkit-box-shadow:4px 4px  
4px 4px #05120C; box-shadow:4px 4px 4px  
4px #05120C }
```

Background

The CSS property to change the background color of an element to Decimal 332300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05120C }
```

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

```
.background{ background-color:#05120C }
```

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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