

Converting Colors

Decimal(2315264)

Have a look what the booklet for
Decimal(2315264) contains.

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Color

Decimal(2315264)

Conversions

Conversions Part 1

Format	Color
Hex	235400
RGB	35, 84, 0
RGB Percent	14%, 33%, 0%
CMY	0.8627, 0.6706, 1.0000
CMYK	0.58, 0.00, 1.00, 0.67
HSL	95°, 100%, 16%
HSV	95°, 100%, 33%
XYZ	3.8635, 6.6980, 1.0892
YIQ	59.7730, -2.2400, -36.5120

Conversions

Conversions Part 2

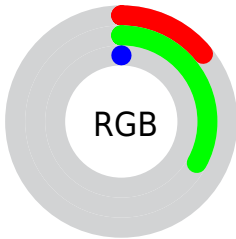
Format	Color
RYB	0, 84, 49
Decimal	2315264
CIELab	31.11, -31.14, 38.13
CIELCh	31, 49.230, 129.239
Yxy	6.6980, 0.3316, 0.5749
Android (android.graphics.Color)	4280505344 (0xFF235400)
YUV	59.7730, -29.4681, -21.7259
Hunter-Lab	25.8804, -18.6441, 15.6210

Details

The Decimal color **2315264** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3211348**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **5735988**, and **9984** is the 20% darker color. If you saturate the color by 10%, you get **2315264**, and if you desaturate by 10%, it is **2642952**.

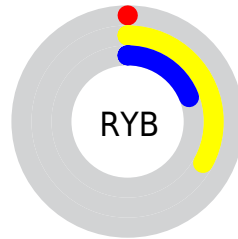
Distribution



Red (14%)

Green (33%)

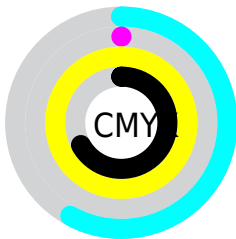
Blue (0%)



Red (0%)

Yellow (33%)

Blue (19%)

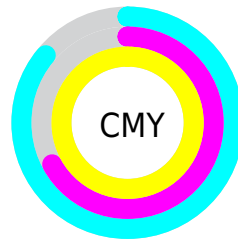


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (86%)


Magenta (67%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2315264 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 2315264 by changing the saturation by 10% instead.

 2315264

 2315264

 16777198

 539648

 5735988

 9984

 7446861

 2048

 9157734


 0

 10999936

 12842139

 14679990

 16580562

 2315264

■ 2642952

■ 2970641

■ 3298329

■ 3626018

■ 3888170

■ 4215858

■ 4543547

■ 4871235

■ 5198924

Harmonies

Analogous

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



5196544



2315264



22572

Triad

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



2315264



21906



9181759

Complementary

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



2315264



3211348

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.



8332133



2315264



19094

Square

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



2315264



22905



5781893



8727066

Rectangle

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



2315264



23111



5781893



9050700

Sweetspot

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



2315264



5926477



5517568



2897956



12105912



3684408

Same Dimension

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



2315264



3042816



21511



2500901



2910464



6416384

Inverse Universe

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



3211348



4194414



5505101



2565417



3997801



8847592

Previews

White Background



This preview shows how the Decimal color 2315264 looks on a white background.

Color Contrast Check

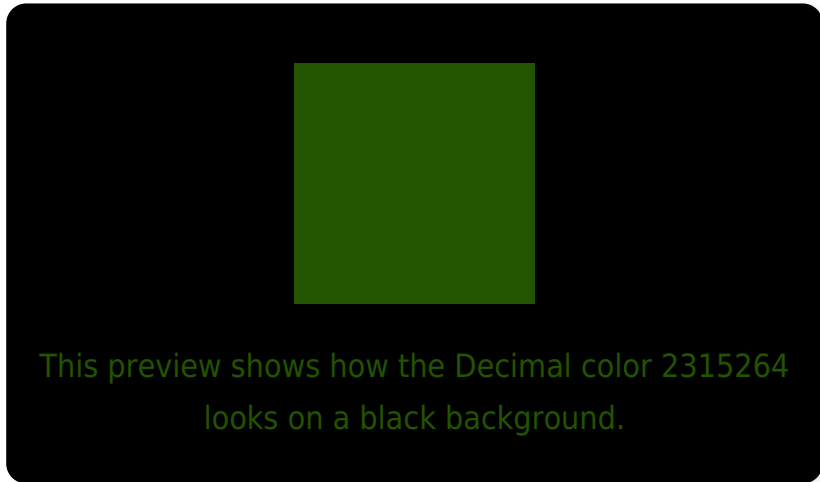
Large Text (above 18pt) WCAG AA ✓ Pass

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

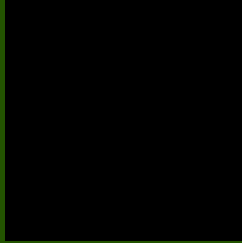
Any Text WCAG AA × Fail

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 2315264 Background



This preview shows how black text looks on a background with the Decimal color 2315264.



This preview shows how white text looks on a background with the Decimal color 2315264.

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](#).

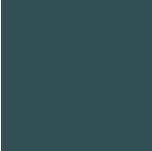
Dichromacy



Original Color
2315264

Protanopia
5458176

Deuteranopia
6046994



Tritanopia
3165780

Trichromacy



Original Color
2315264

Protanomaly
4345088

Deuteranomaly
4672011

Tritanomaly
2838581

Monochromacy



Original Color
2315264

Achromatopsia
3947580

Achromatomaly
3360038

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2315264 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 #235400 looks like.

```
.text, #text, p{  
    color:#235400  
}
```

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 #235400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235400
}
```

Border

The CSS property to change the border of an element to Decimal 2315264 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".

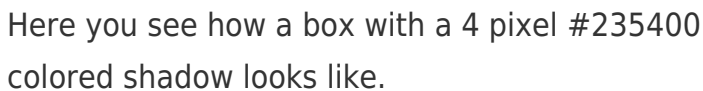
```
.border, #border, table{ border:4px solid
#235400 }
```

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

```
.border{ border-color:#235400 }
```

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

Here you see how a box with a 4 pixel #235400 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235400; -webkit-box-shadow:4px 4px  
4px 4px #235400; box-shadow:4px 4px 4px  
4px #235400 }
```

Background

The CSS property to change the background color of an element to Decimal 2315264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235400 }
```

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

```
.background{ background-color:#235400 }
```

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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