

Converting Colors

Decimal(2509312)

Have a look what the booklet for
Decimal(2509312) contains.

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Color

Decimal(2509312)

Conversions

Conversions Part 1

Format	Color
Hex	264A00
RGB	38, 74, 0
RGB Percent	15%, 29%, 0%
CMY	0.8510, 0.7098, 1.0000
CMYK	0.49, 0.00, 1.00, 0.71
HSL	89°, 100%, 15%
HSV	89°, 100%, 29%
XYZ	3.2481, 5.3096, 0.8537
YIQ	54.8000, 2.2980, -30.6460

Conversions

Conversions Part 2

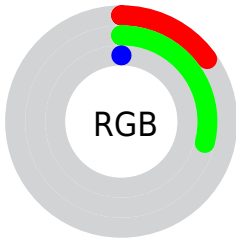
Format	Color
RYB	0, 74, 36
Decimal	2509312
CIELab	27.60, -25.67, 35.37
CIELCh	28, 43.708, 125.969
Yxy	5.3096, 0.3451, 0.5642
Android (android.graphics.Color)	4280699392 (0xFF264A00)
YUV	54.8000, -27.0164, -14.7336
Hunter-Lab	23.0426, -15.1631, 13.9333

Details

The Decimal color **2509312** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2359370**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **5798706**, and **8192** is the 20% darker color. If you saturate the color by 10%, you get **2509312**, and if you desaturate by 10%, it is **2771463**.

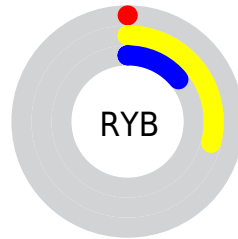
Distribution



Red (15%)

Green (29%)

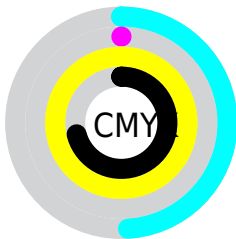
Blue (0%)



Red (0%)

Yellow (29%)

Blue (14%)

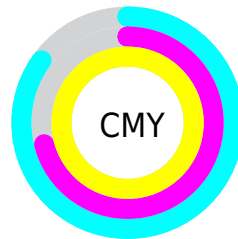


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (85%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2509312 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 2509312 by changing the saturation by 10% instead.

 2509312

 2509312

 16777194

 930560

 5798706

 8192

 7443786

 0

 9220195

 10996605

 12773527

 14679986

 16580558

 2509312

■ 2771463

■ 2968079

■ 3230230

■ 3426846

■ 3688997

■ 3951148

■ 4147764

■ 4409915

■ 4606531

Harmonies

Analogous

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



4866560



2509312



20004

Triad

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



2509312



19583



8067644

Complementary

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



2509312



2359370

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.



7218013



2509312



17284

Square

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



2509312



20584



4797816



7808284

Rectangle

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



2509312



20539



4797816



7936839

Sweetspot

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



2509312



5464388



4858880



2633759



11579568



3158064

Same Dimension

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



2509312



3301632



84480



2369058



3433984



7792128

Inverse Universe

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



2359370



3080289



4784202



2368038



3276902



7340262

Previews

White Background



This preview shows how the Decimal color 2509312 looks on a white background.

Color Contrast Check

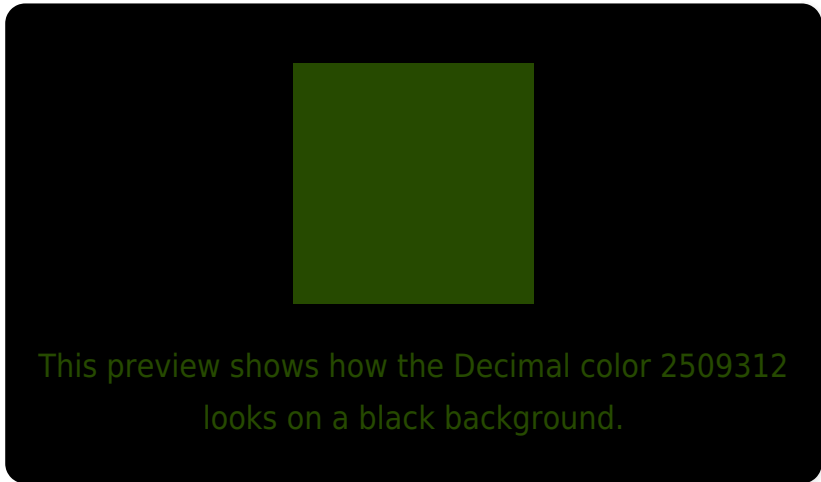
Large Text (above 18pt) WCAG AA ✓ Pass

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

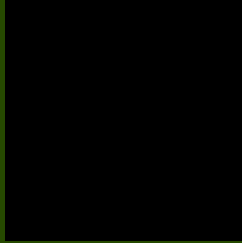
Any Text WCAG AA × Fail

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 2509312 Background



This preview shows how black text looks on a background with the Decimal color 2509312.



This preview shows how white text looks on a background with the Decimal color 2509312.

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](#).

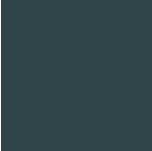
Dichromacy



Original Color
2509312

Protanopia
4866304

Deuteranopia
5389839



Tritanopia
3163466

Trichromacy



Original Color
2509312

Protanomaly
4015104

Deuteranomaly
4342282

Tritanomaly
2901807

Monochromacy



Original Color
2509312

Achromatopsia
3618615

Achromatomaly
3227171

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2509312 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 #264A00 looks like.

```
.text, #text, p{  
  color:#264A00  
}
```

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 #264A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264A00
}
```

Border

The CSS property to change the border of an element to Decimal 2509312 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".

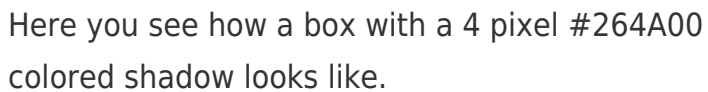
```
.border, #border, table{ border:4px solid
#264A00 }
```

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

```
.border{ border-color:#264A00 }
```

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

Here you see how a box with a 4 pixel #264A00 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264A00; -webkit-box-shadow:4px 4px  
4px 4px #264A00; box-shadow:4px 4px 4px  
4px #264A00 }
```

Background

The CSS property to change the background color of an element to Decimal 2509312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264A00 }
```

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

```
.background{ background-color:#264A00 }
```

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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