

Converting Colors

Decimal(2252310)

Have a look what the booklet for
Decimal(2252310) contains.

Decimal(2252310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(2252310)

Conversions

Conversions Part 1

Format	Color
Hex	225E16
RGB	34, 94, 22
RGB Percent	13%, 37%, 9%
CMY	0.8667, 0.6314, 0.9137
CMYK	0.64, 0.00, 0.77, 0.63
HSL	110°, 62%, 23%
HSV	110°, 77%, 37%
XYZ	4.8072, 8.4034, 2.1277
YIQ	67.8520, -12.6480, -35.1120

Conversions

Conversions Part 2

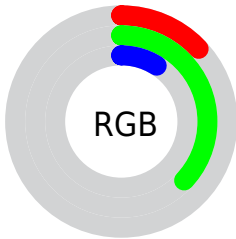
Format	Color
R_YB	22, 94, 82
Decimal	2252310
CIE Lab	34.81, -34.10, 33.73
CIE LCh	35, 47.964, 135.309
Yxy	8.4034, 0.3134, 0.5479
Android (android.graphics.Color)	4280442390 (0xFF225E16)
YUV	67.8520, -22.6050, -29.6882
Hunter-Lab	28.9886, -21.1293, 15.9403

Details

The Decimal color **2252310** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5379678**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **5738822**, and **12032** is the 20% darker color. If you saturate the color by 10%, you get **1728013**, and if you desaturate by 10%, it is **2776607**.

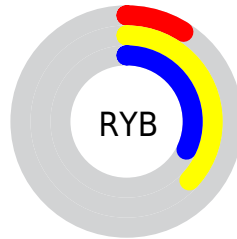
Distribution



Red (13%)

Green (37%)

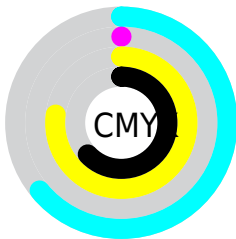
Blue (9%)



Red (9%)

Yellow (37%)

Blue (32%)

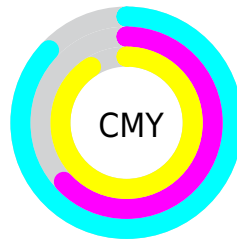


Cyan (64%)

Magenta (0%)

Yellow (77%)

Black (63%)



Cyan (87%)

Magenta (63%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2252310 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 2252310 by changing the saturation by 10% instead.

■ 2252310

■ 2252310

16777215

■ 83456

■ 5738822

■ 12032

■ 7449695

■ 6400

■ 9226104

■ 0

■ 11003026

■ 12844973

■ 14745545

■ 16646117

■ 2252310

■ 2252310

■ 1728013

■ 2776607

■ 1203715

■ 3300905

■ 1072640

■ 3759666

■ 4283964

■ 4808261

■ 5332558

■ 5856856

■ 6381153

■ 6905451

Harmonies

Analogous

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



5330432



2252310



25149

Triad

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



2252310



23708



9775424

Complementary

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



2252310



5379678

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.



9186406



2252310



2117788

Square

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



2252310



25224



7093896



9123868

Rectangle

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



2252310



25432



7093896



9775181

Sweetspot

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



2252310



6519390



6181398



3095852



12434877



4013373

Same Dimension

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



2252310



1931786



1465902



2764329



1207808



2682112

Inverse Universe

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



5379678



6818426



6166086



2959662



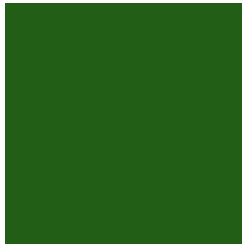
5963886



12976365

Previews

White Background



This preview shows how the Decimal color 2252310 looks on a white background.

Color Contrast Check

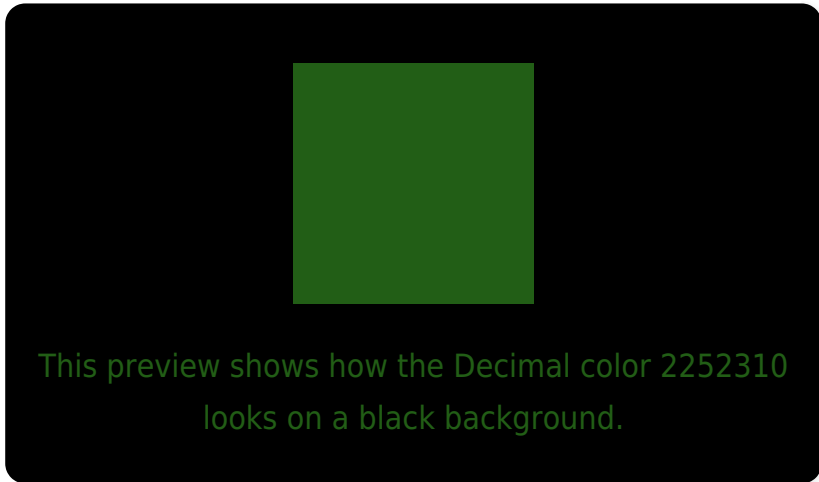
Large Text (above 18pt) WCAG AA ✓ Pass

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

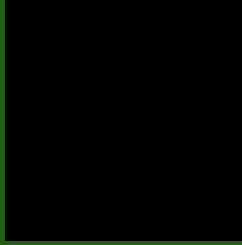
Any Text WCAG AA × Fail

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 2252310 Background



This preview shows how black text looks on a background with the Decimal color 2252310.



This preview shows how white text looks on a background with the Decimal color 2252310.

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
2252310

Protanopia
6050323

Deuteranopia
6704669

Trichromacy



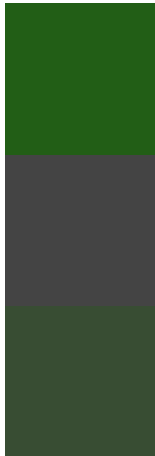
Original Color
2252310

Protanomaly
4675092

Deuteranomaly
5067802

Tritanomaly
2906692

Monochromacy



Original Color
2252310

Achromatopsia
4473924

Achromatomaly
3689779

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2252310 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 #225E16 looks like.

```
.text, #text, p{  
  color:#225E16  
}
```

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 #225E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225E16
}
```

Border

The CSS property to change the border of an element to Decimal 2252310 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".

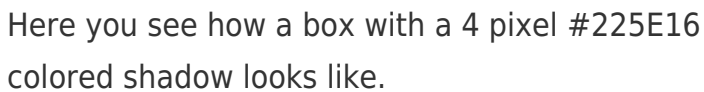
```
.border, #border, table{ border:4px solid
#225E16 }
```

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

```
.border{ border-color:#225E16 }
```

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

Here you see how a box with a 4 pixel #225E16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225E16; -webkit-box-shadow:4px 4px  
4px 4px #225E16; box-shadow:4px 4px 4px  
4px #225E16 }
```

Background

The CSS property to change the background color of an element to Decimal 2252310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225E16 }
```

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

```
.background{ background-color:#225E16 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor