

Converting Colors

Decimal(4523520)

Have a look what the booklet for
Decimal(4523520) contains.

Decimal(4523520)	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(4523520)

Conversions

Conversions Part 1

Format	Color
Hex	450600
RGB	69, 6, 0
RGB Percent	27%, 2%, 0%
CMY	0.7294, 0.9765, 1.0000
CMYK	0.00, 0.91, 1.00, 0.73
HSL	5°, 100%, 14%
HSV	5°, 100%, 27%
XYZ	2.5194, 1.3955, 0.1366
YIQ	24.1530, 39.4740, 11.4900

Conversions

Conversions Part 2

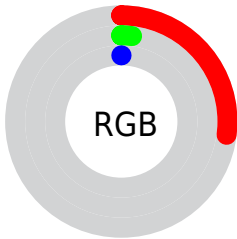
Format	Color
RYB	69, 7, 0
Decimal	4523520
CIELab	11.93, 28.70, 18.61
CIELCh	12, 34.209, 32.959
Yxy	1.3955, 0.6219, 0.3444
Android (android.graphics.Color)	4282713600 (0xFF450600)
YUV	24.1530, -11.9074, 39.3308
Hunter-Lab	11.8130, 17.3963, 7.5836

Details

The Decimal color **4523520** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **16197**, and the grayscale version is **1579032**.

A 20% lighter version of the original color is **8009519**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **4523520**, and if you desaturate by 10%, it is **4525063**.

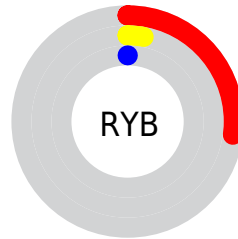
Distribution



Red (27%)

Green (2%)

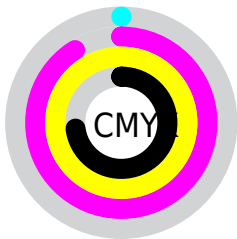
Blue (0%)



Red (27%)

Yellow (3%)

Blue (0%)

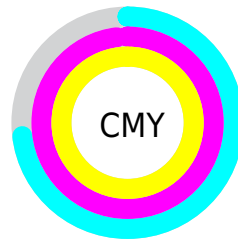


Cyan (0%)

Magenta (91%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4523520 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 4523520 by changing the saturation by 10% instead.



4523520



4523520



16773090



2949120



8009519



0



9850694



11692125



13599094



15506576



16758698



16765894



4523520

■ 4525063

■ 4526862

■ 4528405

■ 4529948

■ 4531491

■ 4533289

■ 4534832

■ 4536375

■ 4538174

Harmonies

Analogous

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



4653086



4523520



3740928

Triad

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



4523520



10244



8783

Complementary

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



4523520



16197

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.



10058



4523520



10785

Square

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



4523520



926976



10553



2037831

Rectangle

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



4523520



2956288



10553



9295

Sweetspot

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



4523520



5849406



4522047



3022621



11382189



3026478

Same Dimension

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



4523520



5834752



4532224



2367520



6490368



14881792

Inverse Universe

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



16197



20825



7493



2106148



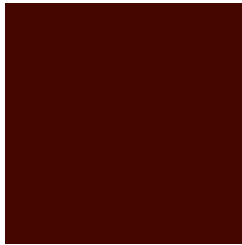
23395



53219

Previews

White Background



This preview shows how the Decimal color 4523520 looks on a white background.

Color Contrast Check

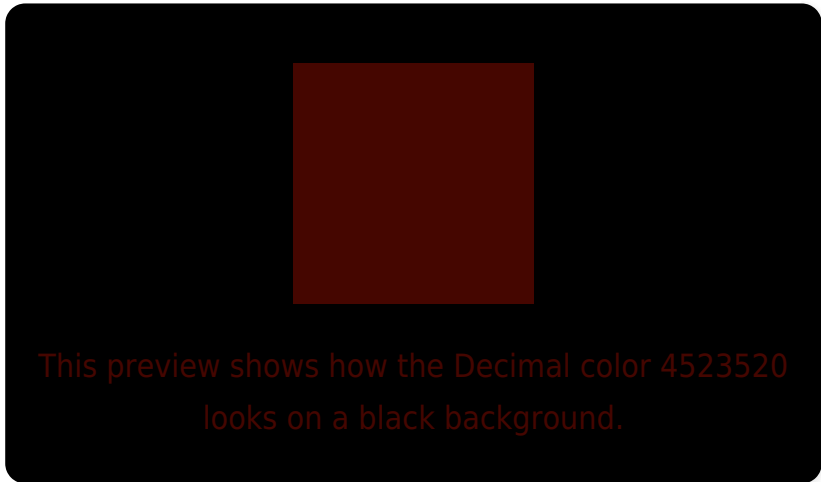
Large Text (above 18pt) WCAG AA ✓ Pass

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

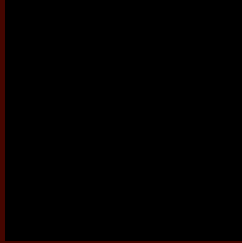
Any Text WCAG AA × Fail

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 4523520 Background



This preview shows how black text looks on a background with the Decimal color 4523520.



This preview shows how white text looks on a background with the Decimal color 4523520.

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
4523520

Protanopia
2564873

Deuteranopia
2892032

Trichromacy



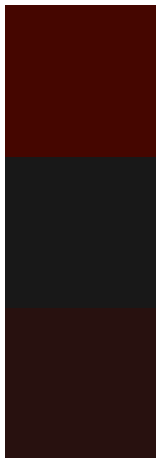
Original Color
4523520

Protanomaly
3282950

Deuteranomaly
3479296

Tritanomaly
4523520

Monochromacy



Original Color
4523520

Achromatopsia
1579032

Achromatomaly
2625807

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4523520 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 #450600 looks like.

```
.text, #text, p{  
    color:#450600  
}
```

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 #450600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #450600
}
```

Border

The CSS property to change the border of an element to Decimal 4523520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

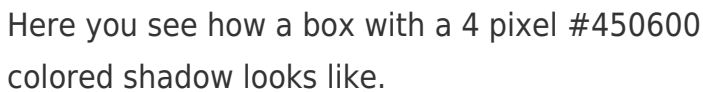
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#450600 }
```

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

```
.border{ border-color:#450600 }
```

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



Here you see how a box with a 4 pixel #450600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #450600; -webkit-box-shadow:4px 4px  
4px 4px #450600; box-shadow:4px 4px 4px  
4px #450600 }
```

Background

The CSS property to change the background color of an element to Decimal 4523520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#450600 }
```

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

```
.background{ background-color:#450600 }
```

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