

Converting Colors

Decimal(5136926)

Have a look what the booklet for
Decimal(5136926) contains.

Decimal(5136926)	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(5136926)

Conversions

Conversions Part 1

Format	Color
Hex	4E621E
RGB	78, 98, 30
RGB Percent	31%, 38%, 12%
CMY	0.6941, 0.6157, 0.8824
CMYK	0.20, 0.00, 0.69, 0.62
HSL	78°, 53%, 25%
HSV	78°, 69%, 38%
XYZ	7.7439, 10.4488, 2.8370
YIQ	84.2680, 9.9080, -25.3880

Conversions

Conversions Part 2

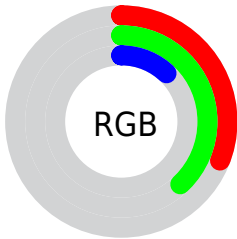
Format	Color
R_{YB}	30, 98, 50
Decimal	5136926
CIE _{Lab}	38.64, -18.74, 34.91
CIE _{LCh}	39, 39.621, 118.230
Yxy	10.4488, 0.3682, 0.4969
Android (android.graphics.Color)	4283327006 (0xFF4E621E)
YUV	84.2680, -26.7541, -5.4970
Hunter-Lab	32.3246, -13.8053, 17.4236

Details

The Decimal color **5136926** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3284578**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **8492366**, and **2044672** is the 20% darker color. If you saturate the color by 10%, you get **4940308**, and if you desaturate by 10%, it is **5333544**.

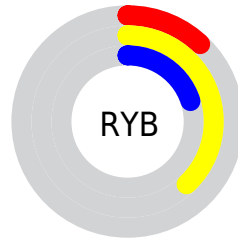
Distribution



Red (31%)

Green (38%)

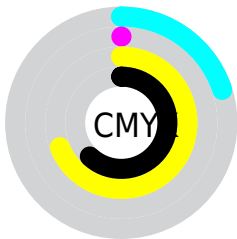
Blue (12%)



Red (12%)

Yellow (38%)

Blue (20%)

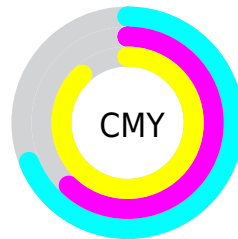


Cyan (20%)

Magenta (0%)

Yellow (69%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5136926 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 5136926 by changing the saturation by 10% instead.



5136926



5136926

16777215



3557892



8492366



2044672



10268519



7936



12045185



0



13887387



15794102



16777170



16777199



5136926



5136926

■ 4940308

■ 5333544

■ 4743690

■ 5530162

■ 4547073

■ 5726779

■ 4547072

■ 5923397

■ 6054479

■ 6251097

■ 6447715

■ 6644332

■ 6840950

Harmonies

Analogous

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



7231765



5136926



2189368

Triad

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



5136926



26513



9649758

Complementary

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



5136926



3284578

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.



8406653



5136926



24475

Square

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



5136926



27256



5788564



9716030

Rectangle

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



5136926



27213



5788564



9387881

Sweetspot

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



5136926



7897189



6435102



3883056



12566463



4210752

Same Dimension

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



5136926



6324246



2974238



3092524



5206016



11137024

Inverse Universe

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



3284578



3479168



5447266



2960432



2162800



4587760

Previews

White Background



This preview shows how the Decimal color 5136926 looks on a white background.

Color Contrast Check

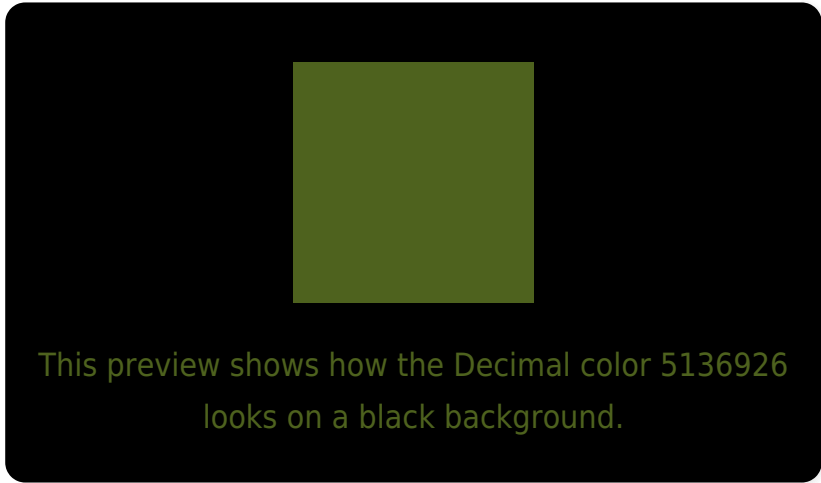
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

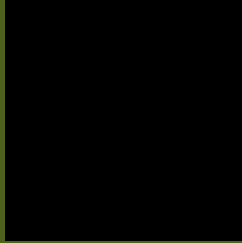
Any Text WCAG AA × Fail

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 5136926 Background



This preview shows how black text looks on a background with the Decimal color 5136926.



This preview shows how white text looks on a background with the Decimal color 5136926.

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
5136926

Protanopia
6707996

Deuteranopia
7427618



Tritanopia
5659747

Trichromacy



Original Color
5136926

Protanomaly
6118941

Deuteranomaly
6576673

Tritanomaly
5463626

Monochromacy



Original Color
5136926

Achromatopsia
5526612

Achromatomaly
5396800

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5136926 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 #4E621E looks like.

```
.text, #text, p{  
    color:#4E621E  
}
```

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 #4E621E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E621E
}
```

Border

The CSS property to change the border of an element to Decimal 5136926 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
#4E621E }
```

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

```
.border{ border-color:#4E621E }
```

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

Here you see how a box with a 4 pixel #4E621E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E621E; -webkit-box-shadow:4px 4px  
4px 4px #4E621E; box-shadow:4px 4px 4px  
4px #4E621E }
```

Background

The CSS property to change the background color of an element to Decimal 5136926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E621E }
```

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

```
.background{ background-color:#4E621E }
```

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