

Converting Colors

Decimal(4933253)

Have a look what the booklet for
Decimal(4933253) contains.

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Color

Decimal(4933253)

Conversions

Conversions Part 1

Format	Color
Hex	4B4685
RGB	75, 70, 133
RGB Percent	29%, 27%, 52%
CMY	0.7059, 0.7255, 0.4784
CMYK	0.44, 0.47, 0.00, 0.48
HSL	245°, 31%, 40%
HSV	245°, 47%, 52%
XYZ	9.3254, 7.5696, 23.1599
YIQ	78.6770, -17.2430, 20.6530

Conversions

Conversions Part 2

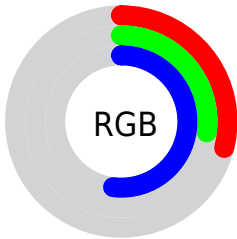
Format	Color
R_{YB}	75, 70, 133
Decimal	4933253
CIE _{Lab}	33.07, 19.10, -34.78
CIE _{LCh}	33, 39.683, 298.775
Yxy	7.5696, 0.2328, 0.1890
Android (android.graphics.Color)	4283123333 (0xFF4B4685)
YUV	78.6770, 26.7812, -3.2247
Hunter-Lab	27.5130, 12.3544, -30.6501

Details

The Decimal color **4933253** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8422726**, and the grayscale version is **5131854**.

A 20% lighter version of the original color is **8353467**, and **1514323** is the 20% darker color. If you saturate the color by 10%, you get **4143493**, and if you desaturate by 10%, it is **5723013**.

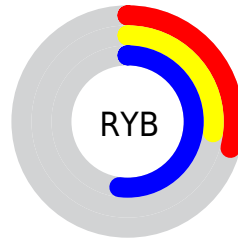
Distribution



Red (29%)

Green (27%)

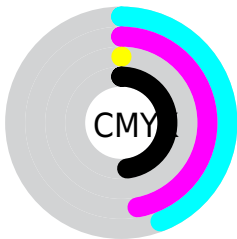
Blue (52%)



Red (29%)

Yellow (27%)

Blue (52%)

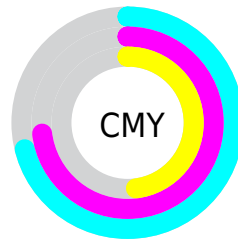


Cyan (44%)

Magenta (47%)

Yellow (0%)

Black (48%)



Cyan (71%)

Magenta (73%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4933253 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 4933253 by changing the saturation by 10% instead.

■ 4933253

■ 4933253

16777215

■ 3289195

■ 8353467

■ 1514323

■ 10129622

■ 571

■ 11906035

■ 549

■ 13747967

■ 269

■ 15655679

■ 0

16776959

■ 4933253

■ 4933253

■ 4143493

■ 5723013

■ 3353477

■ 6513029

■ 2498181

■ 7368325

■ 1708421

■ 8158085

■ 918661

■ 8948101

■ 721029

■ 9737861

■ 10593157

■ 11382917

■ 12172933

Harmonies

Analogous

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



21133



4933253



7485551

Triad

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



4933253



7815191



23627

Complementary

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



4933253



8422726

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.



809516



4933253



6245381

Square

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



4933253



8729394



4216080



23659

Rectangle

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



4933253



8401243



4216080



23617

Sweetspot

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



4933253



9934253



4620677



4802647



14079702



5723991

Same Dimension

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



4933253



5393325



6964869



3947586



655490



3

Inverse Universe

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



8734336



11357094



6391110



4340802



8519800



196610

Previews

White Background



This preview shows how the Decimal color 4933253 looks on a white background.

Color Contrast Check

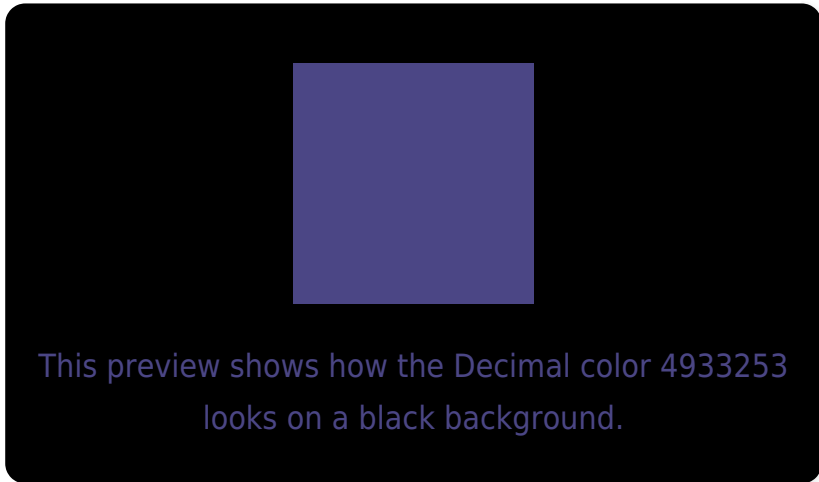
Large Text (above 18pt) WCAG AA ✓ Pass

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

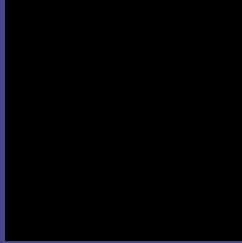
Any Text WCAG AA × Fail

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 4933253 Background



This preview shows how black text looks on a background with the Decimal color 4933253.

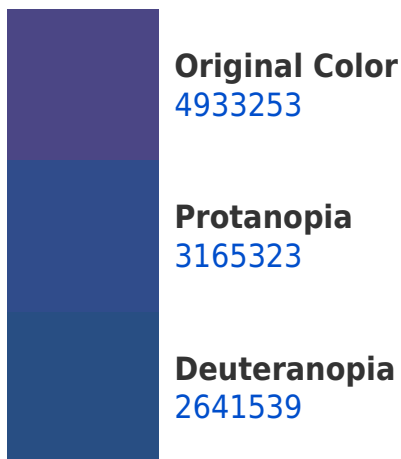


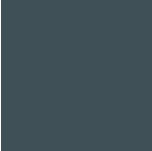
This preview shows how white text looks on a background with the Decimal color 4933253.

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





Tritanopia
4149591

Trichromacy



Original Color
4933253

Protanomaly
3820169

Deuteranomaly
3492740

Tritanomaly
4410728

Monochromacy



Original Color
4933253

Achromatopsia
5197647

Achromatomaly
5131363

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4933253 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 #4B4685 looks like.

```
.text, #text, p{  
    color:#4B4685  
}
```

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 #4B4685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4685
}
```

Border

The CSS property to change the border of an element to Decimal 4933253 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".

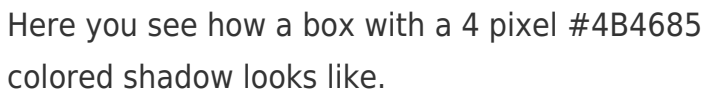
```
.border, #border, table{ border:4px solid
#4B4685 }
```

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

```
.border{ border-color:#4B4685 }
```

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

Here you see how a box with a 4 pixel #4B4685 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4685; -webkit-box-shadow:4px 4px  
4px 4px #4B4685; box-shadow:4px 4px 4px  
4px #4B4685 }
```

Background

The CSS property to change the background color of an element to Decimal 4933253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4685 }
```

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

```
.background{ background-color:#4B4685 }
```

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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