

Converting Colors

Decimal(13732)

Have a look what the booklet for
Decimal(13732) contains.

Decimal(13732)	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>	28

Color

Decimal(13732)

Conversions

Conversions Part 1

Format	Color
Hex	0035A4
RGB	0, 53, 164
RGB Percent	0%, 21%, 64%
CMY	1.0000, 0.7922, 0.3569
CMYK	1.00, 0.68, 0.00, 0.36
HSL	221°, 100%, 32%
HSV	221°, 100%, 64%
XYZ	7.9739, 5.2265, 35.7105
YIQ	49.8070, -67.2190, 23.2850

Conversions

Conversions Part 2

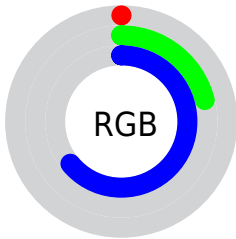
Format	Color
R_{YB}	0, 40, 164
Decimal	13732
CIE _{Lab}	27.37, 31.94, -63.15
CIE _{LCh}	27, 70.767, 296.832
Yxy	5.2265, 0.1630, 0.1069
Android (android.graphics.Color)	4278203812 (0xFF0035A4)
YUV	49.8070, 56.2971, -43.6807
Hunter-Lab	22.8616, 22.2514, -76.6095

Details

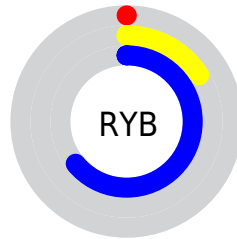
The Decimal color **13732** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **10776320**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **5923804**, and **3695** is the 20% darker color. If you saturate the color by 10%, you get **13732**, and if you desaturate by 10%, it is **1065124**.

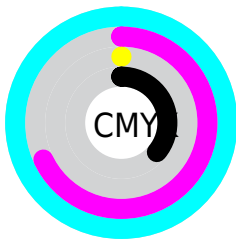
Distribution



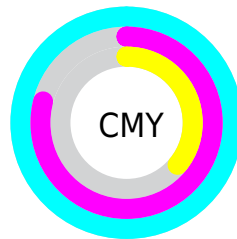
- Red (0%)
- Green (21%)
- Blue (64%)



- Red (0%)
- Yellow (16%)
- Blue (64%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (36%)



















- Cyan (100%)
- Magenta (79%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13732 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 13732 by changing the saturation by 10% instead.

 13732	 13732
 16777215	 8329
 5923804	 3695
 7896313	 86
 9869055	 1597
 11842047	 807
 13749503	 272
 15788287	 0

 13732

 1065124

■ 2182052

■ 3233444

■ 4350372

■ 5402020

■ 6453412

■ 7570340

■ 8621732

■ 9738660

Harmonies

Analogous

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



19376



13732



7864445

Triad

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



13732



8134400



21561

Complementary

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



13732



10776320

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.



20736



13732



5586176

Square

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



13732



9764885



1854208



21873

Rectangle

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



13732



9502811



1854208



21286

Sweetspot

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



13732



9874390



42093



4542827



15461355



7039851

Same Dimension

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



13732



17878



1769636



4803666



12177



1554

Inverse Universe

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



10747957



14024773



9020416



5392716



9502767



1179654

Previews

White Background



This preview shows how the Decimal color 13732 looks on a white background.

Color Contrast Check

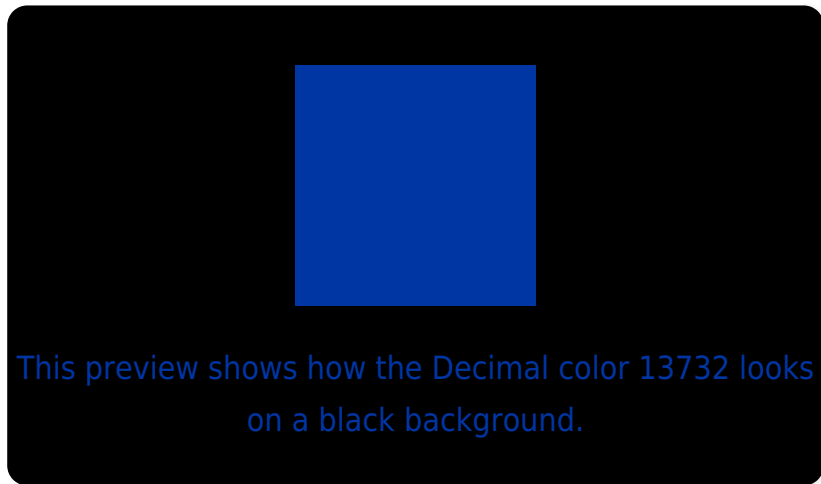
Large Text (above 18pt) WCAG AA ✓ Pass

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

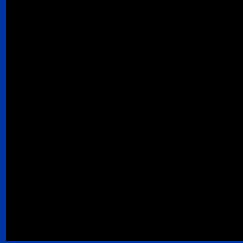
Any Text WCAG AA × Fail

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 13732 Background



This preview shows how black text looks on a background with the Decimal color 13732.



This preview shows how white text looks on a background with the Decimal color 13732.

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



Trichromacy



Original Color
13732

Deuteranomaly
16004

Tritanomaly
16748

Monochromacy



Original Color
13732

Achromatopsia
3289650

Achromatomaly
2110299

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13732 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 #0035A4 looks like.

```
.text, #text, p{  
    color:#0035A4  
}
```

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 #0035A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0035A4
}
```

Border

The CSS property to change the border of an element to Decimal 13732 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".

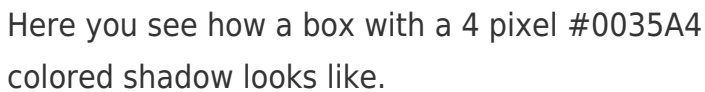
```
.border, #border, table{ border:4px solid
#0035A4 }
```

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

```
.border{ border-color:#0035A4 }
```

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

Here you see how a box with a 4 pixel #0035A4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px blue shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0035A4; -webkit-box-shadow:4px 4px  
4px 4px #0035A4; box-shadow:4px 4px 4px  
4px #0035A4 }
```

Background

The CSS property to change the background color of an element to Decimal 13732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0035A4 }
```

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

```
.background{ background-color:#0035A4 }
```

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