

Converting Colors

Decimal(3032025)

Have a look what the booklet for
Decimal(3032025) contains.

Decimal(3032025)	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(3032025)

Conversions

Conversions Part 1

Format	Color
Hex	2E43D9
RGB	46, 67, 217
RGB Percent	18%, 26%, 85%
CMY	0.8196, 0.7373, 0.1490
CMYK	0.79, 0.69, 0.00, 0.15
HSL	233°, 69%, 52%
HSV	233°, 79%, 85%
XYZ	15.6583, 9.6049, 66.6743
YIQ	77.8210, -60.6660, 42.1980

Conversions

Conversions Part 2

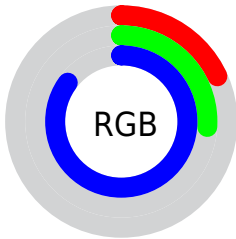
Format	Color
R_{YB}	46, 65, 217
Decimal	3032025
CIE _{Lab}	37.12, 45.12, -78.24
CIE _{LCh}	37, 90.318, 299.968
Yxy	9.6049, 0.1703, 0.1045
Android (android.graphics.Color)	4281222105 (0xFF2E43D9)
YUV	77.8210, 68.6152, -27.9070
Hunter-Lab	30.9918, 35.9495, -105.8595

Details

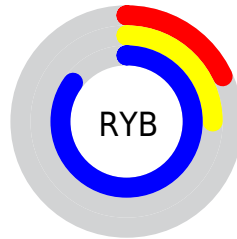
The Decimal color **3032025** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **14271534**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **7894271**, and **6049** is the 20% darker color. If you saturate the color by 10%, you get **1585369**, and if you desaturate by 10%, it is **4478681**.

Distribution



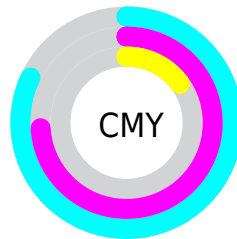
- Red (18%)
- Green (26%)
- Blue (85%)



- Red (18%)
- Yellow (25%)
- Blue (85%)



- Cyan (79%)
- Magenta (69%)
- Yellow (0%)
- Black (15%)



- Cyan (82%)
- Magenta (74%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3032025 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 3032025 by changing the saturation by 10% instead.

■ 3032025

■ 3032025

16777215

■ 11453

■ 7894271

■ 6049

■ 9997823

■ 1670

■ 12036351

■ 107

■ 14074879

■ 2898

■ 16113663

■ 1338

■ 16776447

■ 547

■ 11

■ 0

■ 3032025

■ 3032025

■ 1585369

■ 4478681

■ 204249

■ 5859801

■ 7129

■ 7306457

■ 8753113

■ 10199769

■ 11580889

■ 13027545

■ 14474201

■ 15855321

Harmonies

Analogous

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



25582



3032025



11010210

Triad

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



3032025



10628864



29013

Complementary

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



3032025



14271534

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.



28160



3032025



7034112

Square

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



3032025



12910612



1140480



29344

Rectangle

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



3032025



12910707



1140480



28731

Sweetspot

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



3032025



12765695



3070402



5988224



0



8421504

Same Dimension

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



3032025



862975



7155417



6513774



5549



1582

Inverse Universe

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



14233155



16715050



10148142



7234404



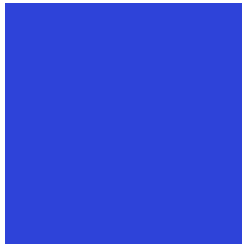
11337749



3014662

Previews

White Background



This preview shows how the Decimal color 3032025 looks on a white background.

Color Contrast Check

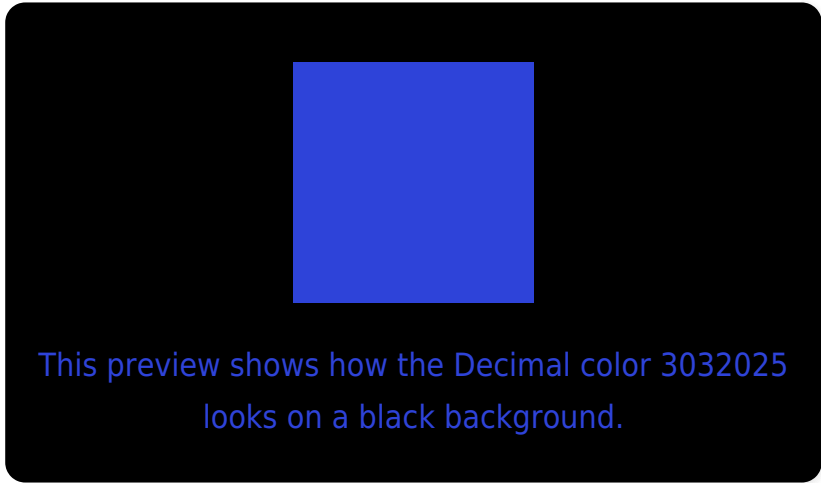
Large Text (above 18pt) WCAG AA ✓ Pass

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

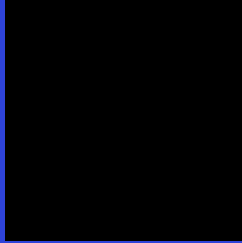
Any Text WCAG AA × Fail

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 3032025 Background



This preview shows how black text looks on a background with the Decimal color 3032025.

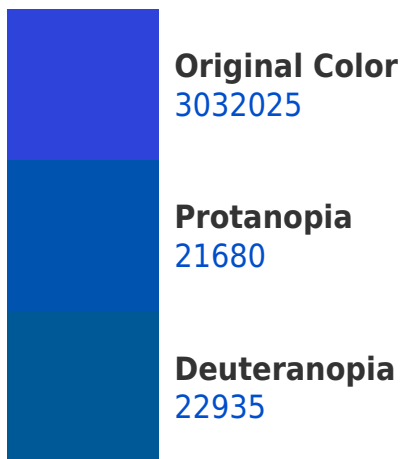


This preview shows how white text looks on a background with the Decimal color 3032025.

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
3032025

Protanomaly
1134271

Deuteranomaly
1135023

Tritanomaly
1136016

Monochromacy



Original Color
3032025

Achromatopsia
5131854

Achromatomaly
4344449

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3032025 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 #2E43D9 looks like.

```
.text, #text, p{  
    color:#2E43D9  
}
```

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 #2E43D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E43D9
}
```

Border

The CSS property to change the border of an element to Decimal 3032025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

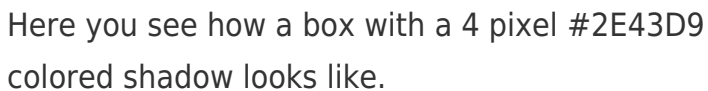
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E43D9 }
```

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

```
.border{ border-color:#2E43D9 }
```

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



Here you see how a box with a 4 pixel #2E43D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E43D9; -webkit-box-shadow:4px 4px  
4px 4px #2E43D9; box-shadow:4px 4px 4px  
4px #2E43D9 }
```

Background

The CSS property to change the background color of an element to Decimal 3032025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E43D9 }
```

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

```
.background{ background-color:#2E43D9 }
```

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