

Converting Colors

Decimal(2316515)

Have a look what the booklet for
Decimal(2316515) contains.

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Color

Decimal(2316515)

Conversions

Conversions Part 1

Format	Color
Hex	2358E3
RGB	35, 88, 227
RGB Percent	14%, 35%, 89%
CMY	0.8627, 0.6549, 0.1098
CMYK	0.85, 0.61, 0.00, 0.11
HSL	223°, 77%, 51%
HSV	223°, 85%, 89%
XYZ	18.0480, 12.8828, 74.2084
YIQ	87.9990, -76.2070, 31.9930

Conversions

Conversions Part 2

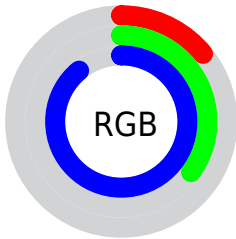
Format	Color
RYB	35, 77, 227
Decimal	2316515
CIELab	42.59, 34.86, -75.00
CIElCh	43, 82.702, 294.930
Yxy	12.8828, 0.1717, 0.1225
Android (android.graphics.Color)	4280506595 (0xFF2358E3)
YUV	87.9990, 68.5275, -46.4801
Hunter-Lab	35.8926, 26.9434, -97.4579

Details

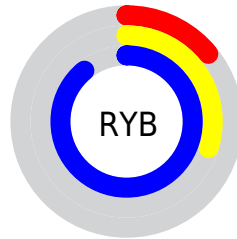
The Decimal color **2316515** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **14921251**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **7637503**, and **11434** is the 20% darker color. If you saturate the color by 10%, you get **805091**, and if you desaturate by 10%, it is **3827939**.

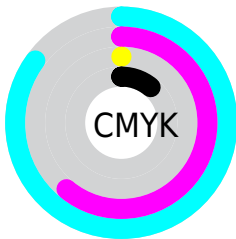
Distribution



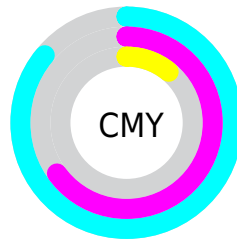
- Red (14%)
- Green (35%)
- Blue (89%)



- Red (14%)
- Yellow (30%)
- Blue (89%)



- Cyan (85%)
- Magenta (61%)
- Yellow (0%)
- Black (11%)

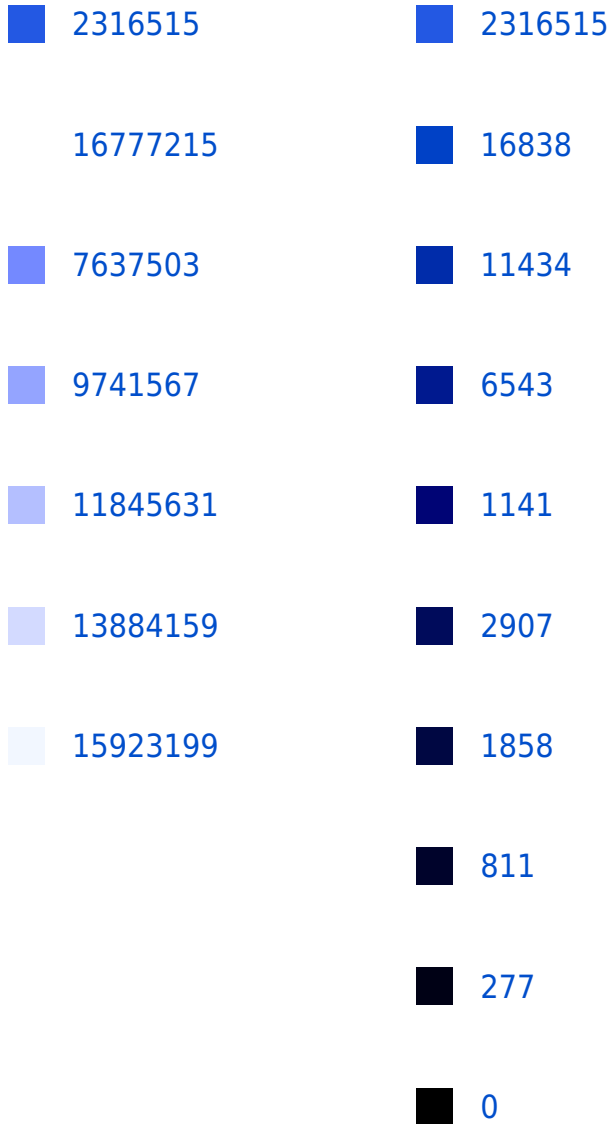


- Cyan (86%)
- Magenta (65%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2316515 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 2316515 by changing the saturation by 10% instead.



■ 2316515

■ 2316515

■ 805091

■ 3827939

■ 16355

■ 5274083

■ 6785507

■ 8297187

■ 9743075

■ 11254755

■ 12766179

■ 14277603

■ 15723747

Harmonies

Analogous

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



29423



2316515



10954164

Triad

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



2316515



11942400



32342

Complementary

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



2316515



14921251

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.



31232



2316515



8740352

Square

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



2316515



13828145



4419840



32925

Rectangle

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



2316515



13172874



4419840



32062

Sweetspot

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



2316515



12571135



2352045



5858432



0



8421504

Same Dimension

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



2316515



18175



5055459



6777459



12723



3635

Inverse Universe

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



14885720



16711750



12182307



7563114



11730993



3342350

Previews

White Background



This preview shows how the Decimal color 2316515 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



This preview shows how the Decimal color 2316515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

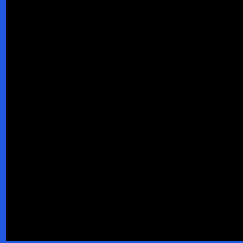
Any Text WCAG AA × Fail

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 2316515 Background



This preview shows how black text looks on a background with the Decimal color 2316515.



This preview shows how white text looks on a background with the Decimal color 2316515.

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
28534

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2316515 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 #2358E3 looks like.

```
.text, #text, p{  
    color:#2358E3  
}
```

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 #2358E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2358E3
}
```

Border

The CSS property to change the border of an element to Decimal 2316515 is called "border". The border property can be set on classes, ids or directly on the HTML element.

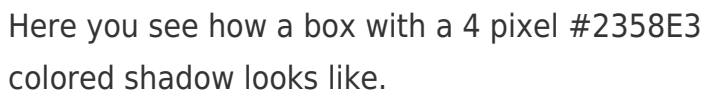
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2358E3 }
```

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

```
.border{ border-color:#2358E3 }
```

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



Here you see how a box with a 4 pixel #2358E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2358E3; -webkit-box-shadow:4px 4px  
4px 4px #2358E3; box-shadow:4px 4px 4px  
4px #2358E3 }
```

Background

The CSS property to change the background color of an element to Hexadecimal #2358E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2358E3 }
```

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

```
.background{ background-color:#2358E3 }
```

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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