

Converting Colors

Decimal(6645)

Have a look what the booklet for
Decimal(6645) contains.

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Color

Decimal(6645)

Conversions

Conversions Part 1

Format	Color
Hex	0019F5
RGB	0, 25, 245
RGB Percent	0%, 10%, 96%
CMY	1.0000, 0.9020, 0.0392
CMYK	1.00, 0.90, 0.00, 0.04
HSL	234°, 100%, 48%
HSV	234°, 100%, 96%
XYZ	16.8291, 7.2878, 86.9059
YIQ	42.6050, -85.5200, 63.1200

Conversions

Conversions Part 2

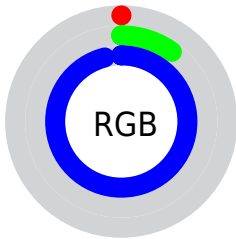
Format	Color
RYB	0, 23, 245
Decimal	6645
CIELab	32.45, 71.91, -101.98
CIELCh	32, 124.787, 305.191
Yxy	7.2878, 0.1516, 0.0656
Android (android.graphics.Color)	4278196725 (0xFF0019F5)
YUV	42.6050, 99.7807, -37.3646
Hunter-Lab	26.9960, 64.0323, -171.9701

Details

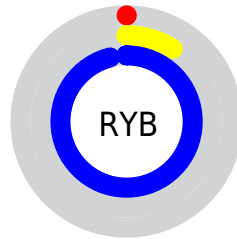
The Decimal color **6645** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **16112640**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **7688703**, and **187** is the 20% darker color. If you saturate the color by 10%, you get **6645**, and if you desaturate by 10%, it is **1585141**.

Distribution



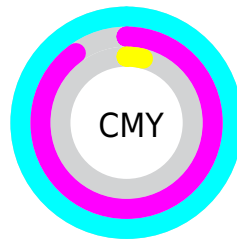
- Red (0%)
- Green (10%)
- Blue (96%)



- Red (0%)
- Yellow (9%)
- Blue (96%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (4%)






















- Cyan (100%)
- Magenta (90%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6645 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 6645 by changing the saturation by 10% instead.

 6645	 6645
 16777215	 216
 7688703	 187
 10054655	 159
 12224255	 131
 14394111	 4457
 16563967	 2640
 16767743	 1336
 16775423	 545
	 7

- 6645
- 1585141
- 3229173
- 4873205
- 6451701
- 8095733
- 9674229
- 11252725
- 12896757
- 14540789

Harmonies

Analogous

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



24063



6645



12714146

Triad

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



6645



10162432



26716

Complementary

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



6645



16112640

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.



25856



6645



5197824

Square

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



6645



13631488



24576



27840

Rectangle

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



6645



14680161



24576



26425

Sweetspot

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



6645



11778815



62936



5396096



0



8421504

Same Dimension

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



6645



6911



6160629



7237498



5050



1595

Inverse Universe

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



16056345



16711706



9958656



8023663



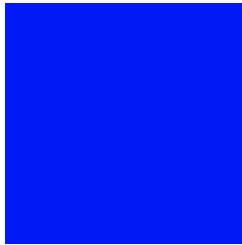
12189715



3866630

Previews

White Background



This preview shows how the Decimal color 6645 looks on a white background.

Color Contrast Check

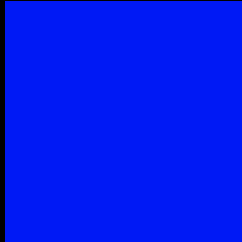
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 6645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

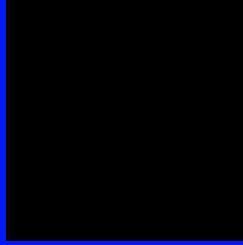
Any Text WCAG AA × Fail

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 6645 Background



This preview shows how black text looks on a background with the Decimal color 6645.

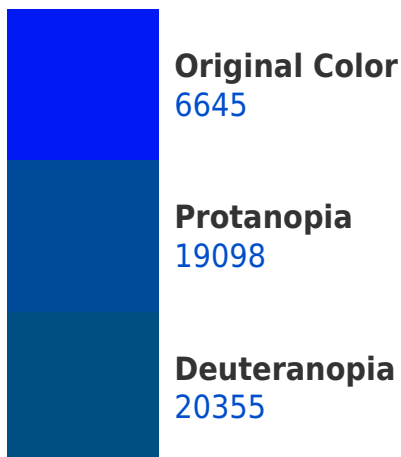


This preview shows how white text looks on a background with the Decimal color 6645.

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
6645

Protanomaly
14523

Deuteranomaly
15276

Monochromacy



Original Color
6645

Achromatopsia
2829099

Achromatomaly
1778804

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6645 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 #0019F5 looks like.

```
.text, #text, p{  
  color:#0019F5  
}
```

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 #0019F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0019F5  
}
```

Border

The CSS property to change the border of an element to Decimal 6645 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  
#0019F5 }
```

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

```
.border{ border-color:#0019F5 }
```

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

Here you see how a box with a 4 pixel #0019F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0019F5; -webkit-box-shadow:4px 4px  
4px 4px #0019F5; box-shadow:4px 4px 4px  
4px #0019F5 }
```

Background

The CSS property to change the background color of an element to Decimal 6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0019F5 }
```

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

```
.background{ background-color:#0019F5 }
```

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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