

Converting Colors

Decimal(6012416)

Have a look what the booklet for
Decimal(6012416) contains.

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Color

Decimal(6012416)

Conversions

Conversions Part 1

Format	Color
Hex	5BBE00
RGB	91, 190, 0
RGB Percent	36%, 75%, 0%
CMY	0.6431, 0.2549, 1.0000
CMYK	0.52, 0.00, 1.00, 0.25
HSL	91°, 100%, 37%
HSV	91°, 100%, 75%
XYZ	22.7278, 39.0511, 6.3397
YIQ	138.7390, 1.9860, -80.0780

Conversions

Conversions Part 2

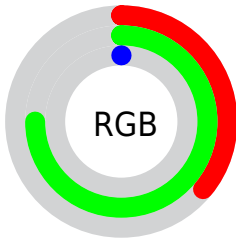
Format	Color
RYB	0, 190, 99
Decimal	6012416
CIELab	68.79, -55.12, 68.67
CIELCh	69, 88.056, 128.755
Yxy	39.0511, 0.3337, 0.5733
Android (android.graphics.Color)	4284202496 (0xFF5BBE00)
YUV	138.7390, -68.3983, -41.8671
Hunter-Lab	62.4908, -44.4388, 37.7286

Details

The Decimal color **6012416** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **6488254**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **9959247**, and **952320** is the 20% darker color. If you saturate the color by 10%, you get **6012416**, and if you desaturate by 10%, it is **6667795**.

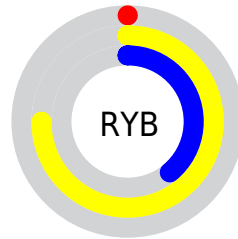
Distribution



Red (36%)

Green (75%)

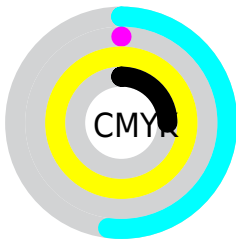
Blue (0%)



Red (0%)

Yellow (75%)

Blue (39%)

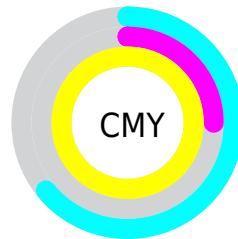


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (64%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6012416 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 6012416 by changing the saturation by 10% instead.



6012416



6012416

16777215



3908096



9959247



952320



11861868



27904



13827976



21504



15794084



15360



16777153



9472



16777182



0



16777212



6012416

 6667795

 7323174


 7978553

 8633932

 9289311

 9879154

 10534533

 11189912

 11845291

Harmonies

Analogous

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



11906048



6012416



51050

Triad

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



6012416



49407



16730004

Complementary

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



6012416



6488254

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.



16735203



6012416



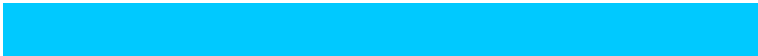
43775

Square

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



6012416



51711



12945407



16737863

Rectangle

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



6012416



51874



12945407



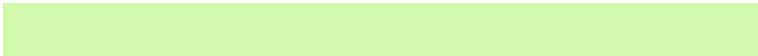
16730031

Sweetspot

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



6012416



13760429



12476928



6716752



16579836



8224125

Same Dimension

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



6012416



7796480



48643



5856853



5021184



990976

Inverse Universe

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



6488254



8454391



12452027



5920094



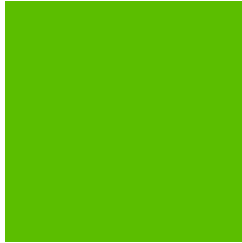
5374110



1048607

Previews

White Background



This preview shows how the Decimal color 6012416 looks on a white background.

Color Contrast Check

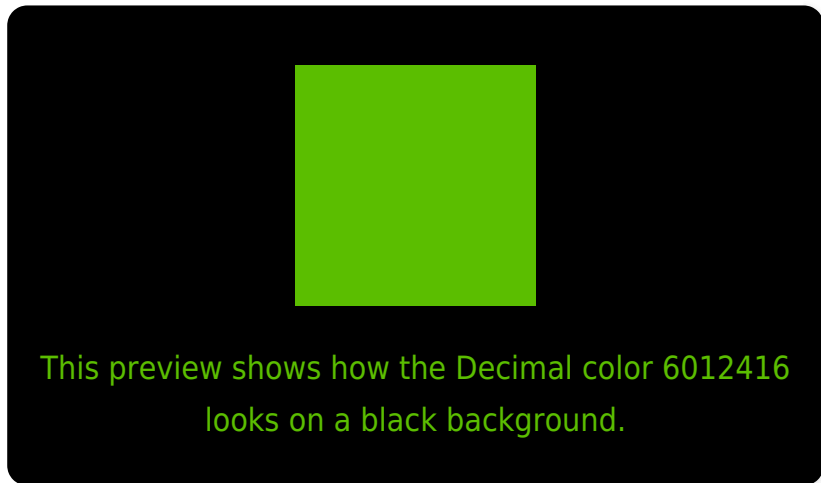
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6012416 Background



This preview shows how black text looks on a background with the Decimal color 6012416.



This preview shows how white text looks on a background with the Decimal color 6012416.

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
7713215

Trichromacy



Original Color
6012416

Protanomaly
10071808

Deuteranomaly
10988057

Tritanomaly
7124602

Monochromacy



Original Color
6012416

Achromatopsia
9145227

Achromatomaly
8035928

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6012416 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 #5BBE00 looks like.

```
.text, #text, p{  
    color:#5BBE00  
}
```

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 #5BBE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BBE00
}
```

Border

The CSS property to change the border of an element to Decimal 6012416 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
#5BBE00 }
```

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

```
.border{ border-color:#5BBE00 }
```

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

Here you see how a box with a 4 pixel #5BBE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BBE00; -webkit-box-shadow:4px 4px  
4px 4px #5BBE00; box-shadow:4px 4px 4px  
4px #5BBE00 }
```

Background

The CSS property to change the background color of an element to Decimal 6012416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BBE00 }
```

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

```
.background{ background-color:#5BBE00 }
```

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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