

# Converting Colors

Decimal(6333413)

Have a look what the booklet for  
Decimal(6333413) contains.

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# **Color**

**Decimal(6333413)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60A3E5
RGB	96, 163, 229
RGB Percent	38%, 64%, 90%
CMY	0.6235, 0.3608, 0.1020
CMYK	0.58, 0.29, 0.00, 0.10
HSL	210°, 72%, 64%
HSV	210°, 58%, 90%
XYZ	32.0639, 34.3383, 79.0668
YIQ	150.4910, -61.1180, 6.3220

# Conversions

## Conversions Part 2

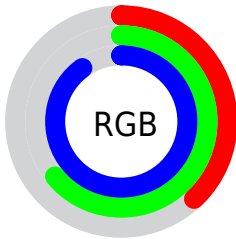
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 141, 229
Decimal	6333413
CIE Lab	65.23, -2.06, -39.71
CIE LCh	65, 39.768, 267.026
Yxy	34.3383, 0.2204, 0.2361
Android (android.graphics.Color)	4284523493 (0xFF60A3E5)
YUV	150.4910, 38.7049, -47.7886
Hunter-Lab	58.5989, -4.8772, -38.9800

# Details

The Decimal color **6333413** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **15049312**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **10214143**, and **1470637** is the 20% darker color. If you saturate the color by 10%, you get **4823269**, and if you desaturate by 10%, it is **7843557**.

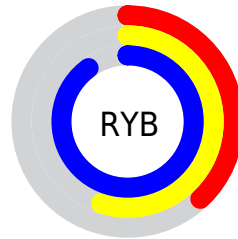
# Distribution



Red (38%)

Green (64%)

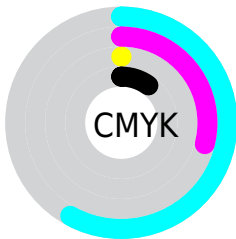
Blue (90%)



Red (38%)

Yellow (55%)

Blue (90%)

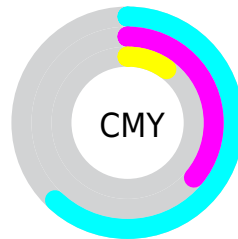


Cyan (58%)

Magenta (29%)

Yellow (0%)

Black (10%)



Cyan (62%)

Magenta (36%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6333413 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 6333413 by changing the saturation by 10% instead.



■ 6333413

■ 6333413

16777215

■ 4229577

■ 10214143

■ 1470637

■ 12187391

■ 22418

■ 14090239

■ 16504

■ 16056319

■ 11103

■ 5959

■ 1072

■ 282

■ 0

■ 6333413

■ 6333413

■ 4823269

■ 7843557

■ 3312869

■ 9353957

■ 1802725

■ 10864101

■ 292581

■ 12374245

■ 29669

■ 13884645

■ 15329253

■ 16774117

■ 16776933

■ 16777189

# Harmonies

## Analogous

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



44249



6333413



10327774

# Triad

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



6333413



14845056



6991222

# Complementary

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



6333413



15049312

# 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.



9741917



6333413



13930084

# Square

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



6333413



14647971



12098390



3256729

# Rectangle

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



6333413



12291791



12098390



7973740

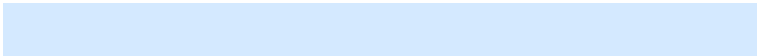


# Sweetspot

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



6333413



13953535



6350240



6714240



0



8421504



# Same Dimension

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



6333413



5089023



6316773



6778227



23219



6707



# Inverse Universe

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



15032483



16731558



15065952



7563117



11731034

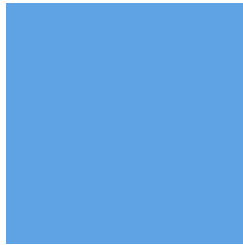


3342362



# Previews

## White Background



This preview shows how the Decimal color 6333413 looks on a white background.

## Color Contrast Check

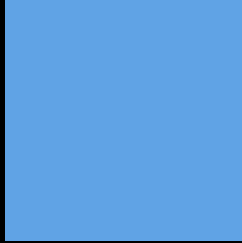
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6333413 looks on a 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 6333413 Background



This preview shows how black text looks on a background with the Decimal color 6333413.




This preview shows how white text looks on a background with the Decimal color 6333413.

# 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**  
5155769

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6333413 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 #60A3E5 looks like.

```
.text, #text, p{  
    color:#60A3E5  
}
```

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 #60A3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A3E5
}
```

## Border

The CSS property to change the border of an element to Decimal 6333413 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
#60A3E5 }
```

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

```
.border{ border-color:#60A3E5 }
```

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

Here you see how a box with a 4 pixel #60A3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A3E5; -webkit-box-shadow:4px 4px  
4px 4px #60A3E5; box-shadow:4px 4px 4px  
4px #60A3E5 }
```

# Background

The CSS property to change the background color of an element to Hexadecimal #60A3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A3E5 }
```

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

```
.background{ background-color:#60A3E5 }
```

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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