

Converting Colors

RGB(170, 162, 248)

Have a look what the booklet for
RGB(170, 162, 248) contains.

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Color

RGB(170, 162, 248)

Conversions

Conversions Part 1

Format	Color
Hex	AAA2F8
RGB	170, 162, 248
RGB Percent	67%, 64%, 97%
CMY	0.3333, 0.3647, 0.0275
CMYK	0.31, 0.35, 0.00, 0.03
HSL	246°, 86%, 80%
HSV	246°, 35%, 97%
XYZ	46.4412, 41.1640, 94.3047
YIQ	174.1960, -22.8380, 28.4420

Conversions

Conversions Part 2

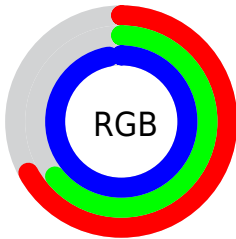
Format	Color
R _Y B	170, 162, 248
Decimal	11182840
CIE Lab	70.29, 21.87, -41.87
CIE LCh	70, 47.235, 297.584
Yxy	41.1640, 0.2553, 0.2263
Android (android.graphics.Color)	4289372920 (0xFFAAA2F8)
YUV	174.1960, 36.3854, -3.6799
Hunter-Lab	64.1592, 16.9274, -42.2362

Details

The RGB color **170, 162, 248** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **240, 248, 162**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **227, 217, 255**, and **115, 110, 191** is the 20% darker color. If you saturate the color by 10%, you get **148, 137, 248**, and if you desaturate by 10%, it is **192, 187, 248**.

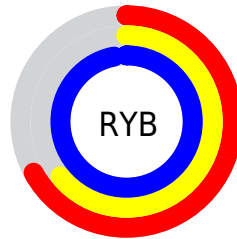
Distribution



Red (67%)

Green (64%)

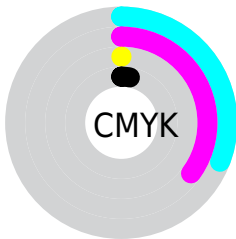
Blue (97%)



Red (67%)

Yellow (64%)

Blue (97%)

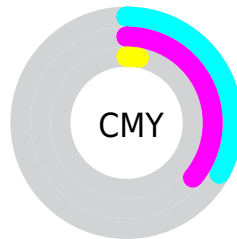


Cyan (31%)

Magenta (35%)

Yellow (0%)

Black (3%)



Cyan (33%)


Magenta (36%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 162, 248 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 RGB color 170, 162, 248 by changing the saturation by 10% instead.


 170, 162, 248

255, 255, 255

 227, 217, 255

 255, 245, 255

 170, 162, 248

 142, 136, 219

 115, 110, 191

 88, 86, 164

 62, 63, 137

 33, 41, 111

 0, 21, 86


 0, 0, 63


 0, 3, 40

 0, 1, 18

 170, 162, 248


 170, 162, 248

 148, 137, 248


 192, 187, 248

 125, 112, 248

 215, 212, 248

 103, 88, 248

 237, 236, 248

 80, 63, 248

 255, 255, 248

 58, 38, 248

 35, 13, 248

 23, 0, 248

Harmonies

Analogous

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



91, 177, 255



170, 162, 248



222, 146, 219

Triad

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



170, 162, 248



234, 153, 100



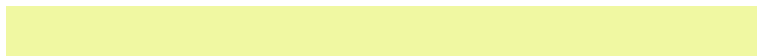
0, 194, 167

Complementary

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



170, 162, 248



240, 248, 162

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.



105, 190, 124



170, 162, 248



201, 168, 84

Square

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



170, 162, 248



252, 140, 134



158, 181, 93



0, 193, 210

Rectangle

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



170, 162, 248



243, 139, 192



158, 181, 93



55, 193, 152

Sweetspot

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



170, 162, 248



232, 230, 255



162, 241, 248



114, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



170, 162, 248



158, 148, 255



212, 162, 248



114, 112, 125



18, 0, 189



6, 0, 61

Inverse Universe

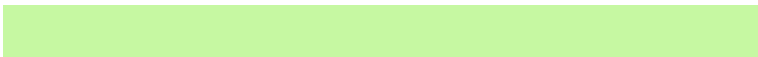
The Inverse Universe completely reimagines the original color for something new.



248, 162, 240



255, 148, 245



198, 248, 162



125, 112, 124



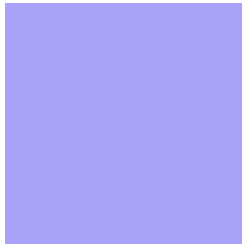
189, 0, 171



61, 0, 56

Previews

White Background



This preview shows how the RGB color 170, 162, 248 looks on a white background.

Color Contrast Check

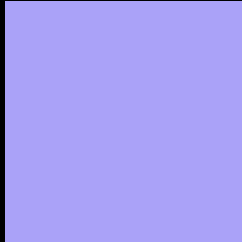
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 170, 162, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

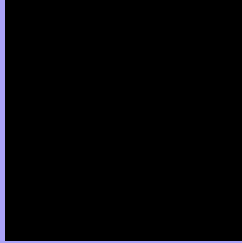
Any Text WCAG AA ✓ Pass

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](#).

RGB 170, 162, 248 Background



This preview shows how black text looks on a background with the RGB color 170, 162, 248.



This preview shows how white text looks on a background with the RGB color 170, 162, 248.

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



Original Color
170, 162, 248

Protanopia
143, 169, 254

Deuteranopia
143, 170, 246



Tritanopia
157, 174, 188

Trichromacy



Original Color
170, 162, 248

Protanomaly
153, 166, 252

Deuteranomaly
153, 167, 247

Tritanomaly
162, 170, 210

Monochromacy



Original Color
170, 162, 248

Achromatopsia
174, 174, 174

Achromatomaly
173, 170, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 162, 248 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 `rgb(170, 162, 248)` looks like.

```
.text, #text, p{  
    color:rgb(170, 162, 248)  
}
```

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 rgb(170, 162, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 162, 248) }
```

Border

The CSS property to change the border of an element to RGB 170, 162, 248 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 rgb(170, 162, 248) }
```

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

```
.border{ border-color:rgb(170, 162, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 162, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 162, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 162, 248);  
box-shadow:4px 4px 4px 4px rgb(170, 162,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 170, 162, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 162, 248) }
```

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

```
.background{ background-color: rgb(170,  
162, 248) }
```

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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