

Converting Colors

HunterLab(20.9830, 9.7341,
-32.5180)

Have a look what the booklet for
HunterLab(20.9830, 9.7341,
-32.5180) contains.

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Color

**HunterLab(21.0571, 9.7382,
-32.5235)**

Conversions

Conversions Part 1

Format	Color
Hex	2D3673
RGB	45, 54, 115
RGB Percent	18%, 21%, 45%
CMY	0.8235, 0.7882, 0.5490
CMYK	0.61, 0.53, 0.00, 0.55
HSL	232°, 44%, 31%
HSV	232°, 61%, 45%
XYZ	5.4959, 4.4340, 16.7858
YIQ	58.2630, -24.9450, 17.0630

Conversions

Conversions Part 2

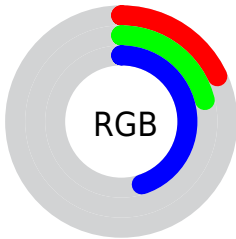
Format	Color
R_{YB}	45, 53, 115
Decimal	2963059
CIE Lab	25.06, 16.38, -36.45
CIE LCh	25, 39.961, 294.192
Yxy	4.4342, 0.2057, 0.1660
Android (android.graphics.Color)	4281153139 (0xFF2D3673)
YUV	58.2630, 27.9713, -11.6317
Hunter-Lab	21.0571, 9.7382, -32.5235




Details

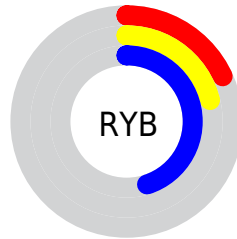
The HunterLab color **21.0571, 9.7382, -32.5235** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37.6073, -5.5411, 19.1619**, and the grayscale version is **20.5736, -1.0978, 1.1178**.




A 20% lighter version of the original color is **38.1289, 11.2775, -33.9134**, and **8.1012, 10.3871, -32.5486** is the 20% darker color. If you saturate the color by 10%, you get **18.3556, 12.9787, -40.8532**, and if you desaturate by 10%, it is **24.0051, 6.9815, -25.1469**.

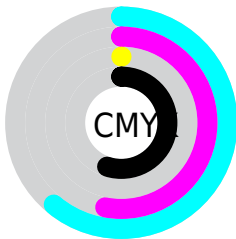
Distribution







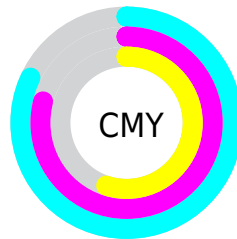
-  Red (18%)
-  Green (21%)
-  Blue (45%)






-  Red (18%)
-  Yellow (21%)
-  Blue (45%)



-  Cyan (61%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (82%)
-  Magenta (79%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0571, 9.7382, -32.5235 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 HunterLab color 21.0571, 9.7382, -32.5235 by changing the saturation by 10% instead.

■ 21.0571, 9.7382,
-32.5235

■ 21.0571, 9.7382,
-32.5235

■ 120.0900, 11.8230,
-37.3597

■ 13.8538, 8.9836,
-32.7641

■ 38.1877, 10.8224,
-33.4206

■ 7.4828, 9.2140,
-36.2980

■ 47.9435, 11.1960,
-34.0514

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.4123, 11.4780,
-34.6917

0.0000, NaN, NaN

■ 69.5486, 11.6793,
-35.3106

0.0000, NaN, NaN

■ 81.3144, 11.8082,
-35.8928

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.6777, 11.8716,

-36.4304

0.0000, NaN, NaN

106.6109, 11.8750,
-36.9198

■ 21.0571, 9.7382,
-32.5235

■ 21.0571, 9.7382,
-32.5235

■ 18.3556, 12.9787,
-40.8532

■ 24.0051, 6.9815,
-25.1469

■ 15.9687, 16.7255,
-50.0893

■ 27.1484, 4.6326,
-18.6129

■ 13.9864, 20.8475,
-59.7740

■ 30.4511, 2.6123,
-12.7713

■ 12.5432, 24.4744,
-68.5111

■ 33.8869, 0.8521,
-7.4829

■ 37.4365, -0.7029,
-2.6322

■ 41.0851, -2.0952,
1.8730

■ 44.8215, -3.3576,
6.1045

■ 48.6367, -4.5156,
10.1182

■ 52.5235, -5.5887,
13.9576

Harmonies

Analogous

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



21.0574, -3.5182, -37.0276



21.0571, 9.7382, -32.5235



21.0574, 22.3150, -17.2614

Triad

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



21.0574, 9.7386, -32.5229



21.0574, 14.9875, 12.6151



21.0574, -20.1976, 3.3454

Complementary

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



21.0571, 9.7382, -32.5235



37.6073, -5.5411, 19.1619

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.



21.0574, -17.3764, 10.6567



21.0571, 9.7382, -32.5235



21.0574, 1.3807, 14.0616

Square

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



21.0574, 9.7386, -32.5229



21.0574, 25.8098, 8.5662



21.0574, -10.1527, 13.4111



21.0574, -18.9654, -10.6385

Rectangle

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



21.0571, 9.7382, -32.5235



21.0574, 27.5862, -6.1391



21.0574, -10.1527, 13.4111



21.0574, -19.7175, 6.5027

Sweetspot

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



21.0574, 9.7386, -32.5229



46.4701, 0.6196, -8.4116



37.2199, -18.1484, 1.0400



22.1502, 0.5561, -4.8883



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



21.0574, 9.7386, -32.5229



23.2116, 19.3209, -59.5482



21.0760, 19.0773, -32.3078



19.1281, -0.4852, -0.9001



13.3334, 26.4553, -73.7750



28.1698, 63.2366, -171.7195

Inverse Universe

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



24.0588, 22.2573, 6.6137



28.9136, 36.5960, 11.1127



38.1988, -16.5835, 19.3936



19.2557, 0.6140, 1.3039



20.5023, 35.2894, 11.8637



45.1779, 77.6009, 27.3924

Previews

White Background



This preview shows how the HunterLab color 21.0571, 9.7382, -32.5235 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 HunterLab color 21.0571, 9.7382, -32.5235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

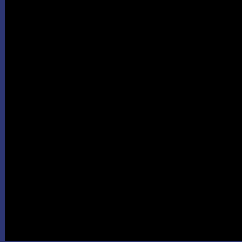
Any Text WCAG AA × Fail

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](#).

HunterLab 21.0571, 9.7382, -32.5235 Background



This preview shows how black text looks on a background with the HunterLab color 21.0571, 9.7382, -32.5235.



This preview shows how white text looks on a background with the HunterLab color 21.0571, 9.7382, -32.5235.

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

21.0571, 9.7382, -32.5235

Protanopia

20.9446, 6.3203, -36.3887

Deuteranopia

20.9239, -0.1876, -25.7481



Tritanopia

21.0166, -8.1357, -3.5385

Trichromacy



Original Color

21.0571, 9.7382, -32.5235

Protanomaly

20.9362, 7.3817, -35.5082

Deuteranomaly

20.5922, 2.8589, -28.9180

Tritanomaly

20.7761, -2.4717, -12.3660

Monochromacy



Original Color

21.0571, 9.7382, -32.5235

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.6098, 1.5438, -8.5532

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0571, 9.7382, -32.5235 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(45, 54, 115)` looks like.

```
.text, #text, p{  
    color:rgb(45, 54, 115)  
}
```

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(45, 54, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 54, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0571, 9.7382, -32.5235 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(45, 54, 115) }
```


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

```
.border{ border-color:rgb(45, 54, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 54, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 54, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 54, 115);  
box-shadow:4px 4px 4px 4px rgb(45, 54,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0571, 9.7382, -32.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 54, 115) }
```

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

```
.background{ background-color: rgb(45, 54,  
115) }
```

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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