

Converting Colors

HunterLab(28.0969, -0.7114,
-21.5530)

Have a look what the booklet for
HunterLab(28.0969, -0.7114,
-21.5530) contains.

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Color

**HunterLab(28.0969, -0.7114,
-21.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	2F517A
RGB	47, 81, 122
RGB Percent	18%, 32%, 48%
CMY	0.8157, 0.6823, 0.5216
CMYK	0.61, 0.34, 0.00, 0.52
HSL	213°, 44%, 33%
HSV	213°, 61%, 48%
XYZ	7.6276, 7.8944, 19.5341
YIQ	75.5080, -33.4250, 5.5430

Conversions

Conversions Part 2

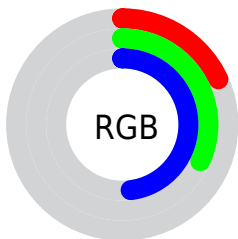
Format	Color
R_{YB}	47, 70, 122
Decimal	3101050
CIE Lab	33.76, 1.18, -27.00
CIE LCh	34, 27.028, 272.497
Yxy	7.8946, 0.2176, 0.2252
Android (android.graphics.Color)	4281291130 (0xFF2F517A)
YUV	75.5080, 22.9206, -25.0015
Hunter-Lab	28.0969, -0.7114, -21.5530




Details

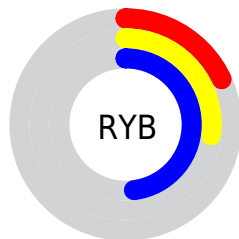
The HunterLab color **28.0969, -0.7114, -21.5530** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **33.6495, 4.9250, 16.0816**, and the grayscale version is **26.6371, -1.4213, 1.4472**.




A 20% lighter version of the original color is **46.6580, -1.4035, -22.8118**, and **13.4320, 1.2674, -19.5246** is the 20% darker color. If you saturate the color by 10%, you get **25.8863, 0.6946, -26.2088**, and if you desaturate by 10%, it is **30.4413, -1.7218, -17.1341**.

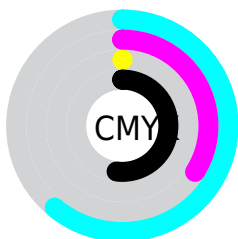
Distribution







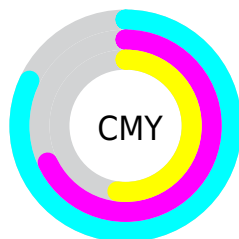
-  Red (18%)
-  Green (32%)
-  Blue (48%)






-  Red (18%)
-  Yellow (27%)
-  Blue (48%)



-  Cyan (61%)
-  Magenta (34%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (82%)
-  Magenta (68%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0969, -0.7114, -21.5530 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 28.0969, -0.7114, -21.5530 by changing the saturation by 10% instead.

■ 28.0969, -0.7114,
-21.5530

■ 28.0969, -0.7114,
-21.5530

■ 132.2510, -5.7453,
-24.8392

■ 20.0689, -0.3652,
-21.0382

■ 46.6386, -1.5577,
-22.6322

■ 12.9962, -0.0813,
-20.7296

■ 57.0179, -2.0479,
-23.1150

■ 6.4539, 0.4504,
-23.9688

■ 68.0699, -2.5780,
-23.5431

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.7561, -3.1451,
-23.9137

0.0000, NaN, NaN

■ 92.0437, -3.7472,
-24.2271

0.0000, NaN, NaN

■ 104.9045, -4.3822,

0.0000, NaN, NaN

-24.4844

0.0000, NaN, NaN

118.3141, -5.0487,
-24.6878

■ 28.0969, -0.7114,
-21.5530

■ 28.0969, -0.7114,
-21.5530

■ 25.8863, 0.6946,
-26.2088

■ 30.4413, -1.7218,
-17.1341

■ 23.8247, 2.5407,
-31.0961

■ 32.9031, -2.3853,
-12.9456

■ 21.9294, 4.8576,
-36.1836

■ 35.4698, -2.7478,
-8.9695

■ 20.4123, 7.0719,
-40.7798

■ 38.1300, -2.8505,
-5.1848

■ 40.8743, -2.7294,
-1.5694

■ 43.6945, -2.4149,
1.8977

■ 46.5837, -1.9329,
5.2361

■ 49.5361, -1.3050,
8.4630

■ 52.5465, -0.5493,
11.5938

Harmonies

Analogous

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



28.0974, -9.3476, -18.3202



28.0969, -0.7114, -21.5530



28.0974, 8.8512, -17.1107

Triad

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



28.0974, -0.7112, -21.5524



28.0974, 15.3708, 9.2685



28.0974, -15.7648, 8.3499

Complementary

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



28.0969, -0.7114, -21.5530



33.6495, 4.9250, 16.0816

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.



28.0974, -10.5418, 12.4864



28.0969, -0.7114, -21.5530



28.0974, 7.3147, 12.8817

Square

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



28.0974, -0.7112, -21.5524



28.0974, 18.8644, 2.2661



28.0974, -2.2816, 13.8310



28.0974, -17.3328, 0.7722

Rectangle

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



28.0969, -0.7114, -21.5530



28.0974, 14.2722, -11.0365



28.0974, -2.2816, 13.8310



28.0974, -14.4154, 10.0922

Sweetspot

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



28.0974, -0.7112, -21.5524



51.6696, -3.7614, -5.3976



39.0023, -23.1627, 9.9197



24.2934, -1.8070, -3.1387



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



28.0974, -0.7112, -21.5524



33.1304, 1.9025, -37.5220



20.2585, 15.8338, -41.1271



20.4084, -1.3118, -0.3557



20.9055, 7.3370, -41.9684



43.8075, 19.9432, -97.8073

Inverse Universe

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



26.0097, 26.7350, -1.2506



31.1178, 42.7369, -0.3176



42.5228, -10.8216, 22.2626



20.1058, 0.9200, 0.6581



21.5594, 38.2747, 3.4379



46.9090, 82.9443, 10.0694

Previews

White Background



This preview shows how the HunterLab color 28.0969, -0.7114, -21.5530 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 28.0969, -0.7114, -21.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

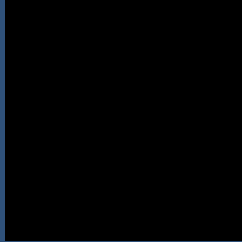
Any Text WCAG AA × Fail

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 28.0969, -0.7114, -21.5530 Background



This preview shows how black text looks on a background with the HunterLab color 28.0969, -0.7114, -21.5530.

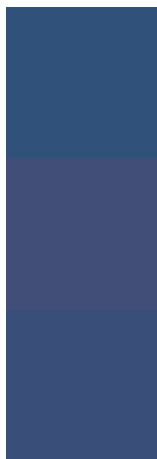


This preview shows how white text looks on a background with the HunterLab color 28.0969, -0.7114,

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

28.0969, -0.7114, -21.5530

Protanopia

28.1150, 3.0768, -19.4270

Deuteranopia

28.0481, 1.8040, -21.6066



Tritanopia

28.1920, -10.9933, -5.0916

Trichromacy



Original Color

28.0969, -0.7114, -21.5530

Protanomaly

28.0135, 1.5125, -20.3201

Deuteranomaly

28.1058, 0.6685, -21.5111

Tritanomaly

28.1221, -7.6609, -10.4172

Monochromacy



Original Color

28.0969, -0.7114, -21.5530

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.1347, -2.2260, -5.9467

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0969, -0.7114, -21.5530 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(47, 81, 122)` looks like.

```
.text, #text, p{  
    color:rgb(47, 81, 122)  
}
```

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(47, 81, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 81, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0969, -0.7114, -21.5530 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(47, 81, 122) }
```


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

```
.border{ border-color:rgb(47, 81, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 81, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 81, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 81, 122);  
box-shadow:4px 4px 4px 4px rgb(47, 81,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.0969, -0.7114, -21.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 81, 122) }
```

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

```
.background{ background-color: rgb(47, 81,  
122) }
```

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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