

Converting Colors

HunterLab(29.2316, 2.4929,
-22.0025)

Have a look what the booklet for
HunterLab(29.2316, 2.4929,
-22.0025) contains.

HunterLab(29.3218, 2.4592, -21.8014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(29.3218, 2.4592,
-21.8014)**

Conversions

Conversions Part 1

Format	Color
Hex	3F527E
RGB	63, 82, 126
RGB Percent	25%, 32%, 49%
CMY	0.7529, 0.6784, 0.5059
CMYK	0.50, 0.35, 0.00, 0.51
HSL	222°, 33%, 37%
HSV	222°, 50%, 49%
XYZ	8.8331, 8.5977, 20.9326
YIQ	81.3350, -25.4480, 9.6560

Conversions

Conversions Part 2

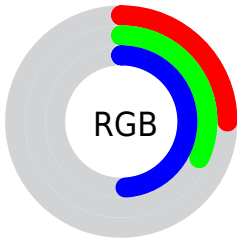
Format	Color
R_{YB}	63, 78, 126
Decimal	4149886
CIE _{Lab}	35.20, 5.80, -27.16
CIE _{LCh}	35, 27.769, 282.053
Yxy	8.5980, 0.2303, 0.2241
Android (android.graphics.Color)	4282339966 (0xFF3F527E)
YUV	81.3350, 22.0198, -16.0798
Hunter-Lab	29.3218, 2.4592, -21.8014

Details

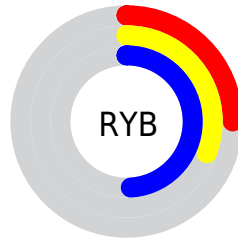
The HunterLab color $29.3218, 2.4592, -21.8014$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $39.1285, -1.1438, 16.9644$, and the grayscale version is $28.7363, -1.5333, 1.5613$.

A 20% lighter version of the original color is $48.0257, 2.1557, -23.0198$, and $14.0258, 2.4390, -20.9948$ is the 20% darker color. If you saturate the color by 10%, you get $26.4316, 4.3742, -27.9134$, and if you desaturate by 10%, it is $32.3650, 0.9352, -16.2004$.

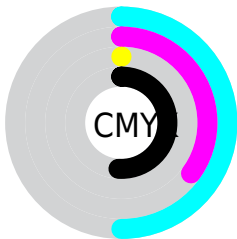
Distribution



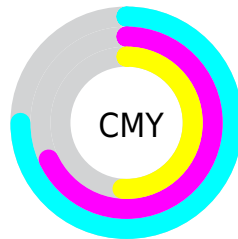
- Red (25%)
- Green (32%)
- Blue (49%)



- Red (25%)
- Yellow (31%)
- Blue (49%)



- Cyan (50%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (75%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3218, 2.4592, -21.8014 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 29.3218, 2.4592, -21.8014 by changing the saturation by 10% instead.

■ 29.3218, 2.4592,
-21.8014

■ 29.3218, 2.4592,
-21.8014

■ 134.2944, -0.5983,
-25.0603

■ 21.1658, 2.5033,
-21.2752

■ 48.0860, 2.1440,
-22.8789

■ 13.9480, 2.4500,
-20.9228

■ 58.5645, 1.8927,
-23.3579

■ 7.5862, 2.9255,
-22.1920

■ 69.7099, 1.5880,
-23.7818

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.4843, 1.2346,
-24.1484

0.0000, NaN, NaN

■ 93.8558, 0.8364,
-24.4578

0.0000, NaN, NaN

106.7969, 0.3965,

0.0000, NaN, NaN

-24.7117

0.0000, NaN, NaN

120.2835, -0.0825,
-24.9118

■ 29.3218, 2.4592,
-21.8014

■ 29.3218, 2.4592,
-21.8014

■ 26.4316, 4.3742,
-27.9134

■ 32.3650, 0.9352,
-16.2004

■ 23.7210, 6.7540,
-34.6016

■ 35.5374, -0.2650,
-11.0385

■ 21.2260, 9.6681,
-41.8874

■ 38.8224, -1.1978,
-6.2441

■ 18.9896, 13.1534,
-49.6976

■ 42.2061, -1.9095,
-1.7547

■ 17.0077, 17.0355,
-58.0324

■ 45.6777, -2.4373,
2.4825

■ 17.0073, 17.0363,
-58.0342

■ 49.2281, -2.8111,
6.5116

■ 52.8502, -3.0548,
10.3686

■ 56.5379, -3.1879,
14.0830

■ 60.2862, -3.2261,
17.6790

Harmonies

Analogous

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



29.3223, -7.1315, -20.9929



29.3218, 2.4592, -21.8014



29.3223, 12.1028, -15.0086

Triad

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



29.3223, 2.4592, -21.8007



29.3223, 13.7218, 11.2178



29.3223, -17.3786, 6.5845

Complementary

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



29.3218, 2.4592, -21.8014



39.1285, -1.1438, 16.9644

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.



29.3223, -13.1146, 12.0038



29.3218, 2.4592, -21.8014



29.3223, 4.4479, 14.0126

Square

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



29.3223, 2.4592, -21.8007



29.3223, 19.1523, 5.0868



29.3223, -5.3854, 14.2432



29.3223, -17.7645, -2.3847

Rectangle

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



29.3218, 2.4592, -21.8014



29.3223, 16.9358, -8.0713



29.3223, -5.3854, 14.2432



29.3223, -16.3800, 8.7948

Sweetspot

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



29.3223, 2.4592, -21.8007



53.5778, -2.0612, -5.4703



41.2557, -19.7791, 5.4590



25.1860, -0.9031, -3.1008



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



29.3223, 2.4592, -21.8007



34.5473, 6.2071, -38.2316



25.5726, 13.9534, -29.7625



20.9925, -0.9695, -0.6758



17.2064, 17.3092, -58.8720

0.0000, NaN, NaN

Inverse Universe

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



29.3261, 21.1416, 2.3013



35.2750, 34.9628, 4.2273



43.4608, -12.9854, 20.1371



20.8901, 0.8428, 1.0285



21.6642, 37.7601, 8.8870

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 29.3218, 2.4592, -21.8014 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 29.3218, 2.4592, -21.8014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

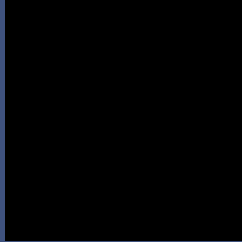
Any Text WCAG AA × Fail

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 29.3218, 2.4592, -21.8014 Background



This preview shows how black text looks on a background with the HunterLab color 29.3218, 2.4592, -21.8014.



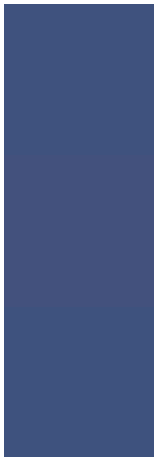
This preview shows how white text looks on a background with the HunterLab color 29.3218, 2.4592, -21.8014.

-21.8014.

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

29.3218, 2.4592, -21.8014

Protanopia

29.2555, 3.4646, -21.2330

Deuteranopia

29.2662, 2.2729, -21.9149



Tritanopia

29.2618, -8.3643, -4.0519

Trichromacy



Original Color

29.3218, 2.4592, -21.8014

Protanomaly

29.1955, 3.2662, -21.3542

Deuteranomaly

29.2662, 2.2729, -21.9149

Tritanomaly

29.2678, -4.7658, -9.6716

Monochromacy



Original Color

29.3218, 2.4592, -21.8014

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.6422, -0.7402, -5.7742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3218, 2.4592, -21.8014 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(63, 82, 126)` looks like.

```
.text, #text, p{  
    color:rgb(63, 82, 126)  
}
```

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(63, 82, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 82, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3218, 2.4592, -21.8014 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(63, 82, 126) }
```


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

```
.border{ border-color:rgb(63, 82, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 82, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 82, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 82, 126);  
box-shadow:4px 4px 4px 4px rgb(63, 82,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.3218, 2.4592, -21.8014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 82, 126) }
```

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

```
.background{ background-color: rgb(63, 82,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor