

Converting Colors

HunterLab(21.8318, 25.9717,
-69.0511)

Have a look what the booklet for
HunterLab(21.8318, 25.9717,
-69.0511) contains.

HunterLab(21.8352, 25.9883, -69.1033)	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(21.8352, 25.9883,
-69.1033)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2D9A
RGB	45, 45, 154
RGB Percent	18%, 18%, 60%
CMY	0.8235, 0.8235, 0.3961
CMYK	0.71, 0.71, 0.00, 0.40
HSL	240°, 55%, 39%
HSV	240°, 71%, 60%
XYZ	7.8533, 4.7678, 31.0782
YIQ	57.4260, -34.9890, 33.8990

Conversions

Conversions Part 2

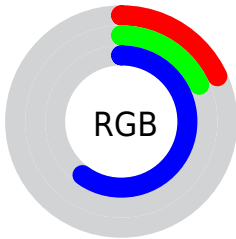
Format	Color
RYB	45, 45, 154
Decimal	2960794
CIELab	26.06, 36.47, -59.16
CIElCh	26, 69.500, 301.654
Yxy	4.7679, 0.1797, 0.1091
Android (android.graphics.Color)	4281150874 (0xFF2D2D9A)
YUV	57.4260, 47.6110, -10.8976
Hunter-Lab	21.8352, 25.9883, -69.1033

Details

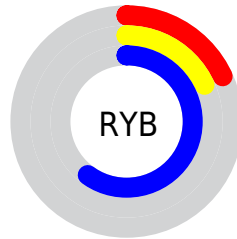
The HunterLab color **21.8352, 25.9883, -69.1033** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **54.9273, -13.7276, 30.9259**, and the grayscale version is **20.2246, -1.0791, 1.0988**.

A 20% lighter version of the original color is **39.1432, 28.5382, -66.7493**, and **10.1214, 25.1573, -66.9584** is the 20% darker color. If you saturate the color by 10%, you get **18.7394, 32.0836, -84.6187**, and if you desaturate by 10%, it is **25.6518, 20.2257, -54.5016**.

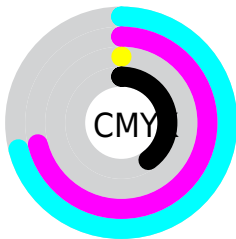
Distribution



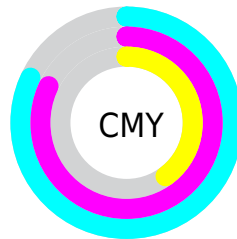
- Red (18%)
- Green (18%)
- Blue (60%)



- Red (18%)
- Yellow (18%)
- Blue (60%)



- Cyan (71%)
- Magenta (71%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (82%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8352, 25.9883, -69.1033 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 21.8352, 25.9883, -69.1033 by changing the saturation by 10% instead.

■ 21.8352, 25.9883,
-69.1033

■ 21.8352, 25.9883,
-69.1033

■ 121.4742, 35.7187,
-71.7716

■ 14.5317, 24.3475,
-73.0588

■ 39.1346, 28.9373,
-67.2108

■ 8.1927, 23.3958,
-84.7188

■ 48.9644, 30.2182,
-67.4010

0.0000, INF, -NF

0.0000, NaN, -NF

■ 59.5022, 31.3798,
-67.9017

0.0000, NaN, -NF

■ 70.7033, 32.4321,
-68.5730

0.0000, NaN, -NF

■ 82.5306, 33.3843,
-69.3350

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9524, 34.2448,

-70.1401

0.0000, NaN, NaN

107.9415, 35.0208,
-70.9586

■ 21.8352, 25.9883,
-69.1033

■ 21.8352, 25.9883,
-69.1033

■ 18.7394, 32.0836,
-84.6187

■ 25.6518, 20.2257,
-54.5016

■ 16.5759, 37.5085,
-98.4817

■ 30.0048, 15.1228,
-41.6572

■ 15.2747, 41.4323,
-108.5298

■ 34.7619, 10.6727,
-30.5367

■ 39.8326, 6.7634,
-20.8427

■ 45.1549, 3.2754,
-12.2605

■ 50.6857, 0.1088,
-4.5276

■ 56.3939, -2.8137,
2.5584

■ 62.2565, -5.5501,
9.1497

■ 68.2558, -8.1439,
15.3602

Harmonies

Analogous

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



21.8354, 0.0768, -90.5164



21.8352, 25.9883, -69.1033



21.8354, 50.3992, -28.1365

Triad

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



21.8354, 25.9896, -69.1027



21.8354, 22.9661, 15.2848



21.8354, -29.5177, -0.0136

Complementary

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



21.8352, 25.9883, -69.1033



54.9273, -13.7276, 30.9259

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.



21.8354, -27.4334, 13.0186



21.8352, 25.9883, -69.1033



21.8354, -2.3821, 15.2848

Square

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



21.8354, 25.9896, -69.1027



21.8354, 48.2185, 13.6781



21.8354, -19.3273, 15.2848



21.8354, -26.8846, -32.5676

Rectangle

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



21.8352, 25.9883, -69.1033



21.8354, 58.9923, -5.5504



21.8354, -19.3273, 15.2848



21.8354, -29.3517, 6.2908

Sweetspot

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



21.8354, 25.9896, -69.1027



60.3910, 4.7019, -17.2288



50.9924, -24.5802, -4.5557



27.8469, 2.7908, -9.5561



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



21.8354, 25.9896, -69.1027



23.3610, 47.8114, -125.7189



26.2501, 35.4679, -52.2555



24.5486, -0.1720, -1.6112



13.7873, 37.3976, -97.9610



1.6859, 4.5727, -11.9765

Inverse Universe

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



33.2860, 49.5215, -33.0719



42.0205, 76.2992, -51.1210



50.9722, -28.8647, 28.0159



25.1469, 1.8567, -0.8087



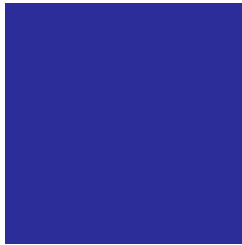
27.3820, 53.8331, -36.1089



3.3480, 6.5823, -4.4155

Previews

White Background



This preview shows how the HunterLab color 21.8352, 25.9883, -69.1033 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 21.8352, 25.9883, -69.1033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

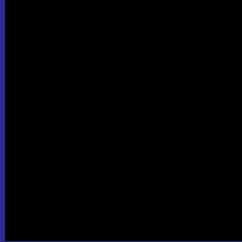
Any Text WCAG AA × Fail

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 21.8352, 25.9883, -69.1033 Background



This preview shows how black text looks on a background with the HunterLab color 21.8352, 25.9883, -69.1033.



This preview shows how white text looks on a background with the HunterLab color 21.8352, 25.9883, -69.1033.

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

21.8352, 25.9883, -69.1033

Protanopia

21.7671, 6.0403, -40.2463

Deuteranopia

21.7447, -1.2180, -24.5497



Tritanopia

21.7653, -10.7736, -3.9476

Trichromacy



Original Color

21.8352, 25.9883, -69.1033

Protanomaly

21.4944, 12.4093, -50.7879

Deuteranomaly

21.1935, 7.6755, -40.1522

Tritanomaly

20.7393, 0.0944, -23.1554

Monochromacy



Original Color

21.8352, 25.9883, -69.1033

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.1886, 5.9874, -17.1908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8352, 25.9883, -69.1033 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, 45, 154)` looks like.

```
.text, #text, p{  
    color:rgb(45, 45, 154)  
}
```

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, 45, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 45, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8352, 25.9883, -69.1033 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, 45, 154) }
```


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

```
.border{ border-color:rgb(45, 45, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 45, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 45, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 45, 154);  
box-shadow:4px 4px 4px 4px rgb(45, 45,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.8352, 25.9883, -69.1033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 45, 154) }
```

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

```
.background{ background-color: rgb(45, 45,  
154) }
```

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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