

Converting Colors

HunterLab(21.0840, 20.1596,
-53.9521)

Have a look what the booklet for
HunterLab(21.0840, 20.1596,
-53.9521) contains.

HunterLab(21.1479, 20.1864, -54.0269)	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(21.1479, 20.1864,
-54.0269)**

Conversions

Conversions Part 1

Format	Color
Hex	2F2F8A
RGB	47, 47, 138
RGB Percent	18%, 18%, 54%
CMY	0.8157, 0.8157, 0.4588
CMYK	0.66, 0.66, 0.00, 0.46
HSL	240°, 49%, 36%
HSV	240°, 66%, 54%
XYZ	6.7762, 4.4723, 24.5508
YIQ	57.3740, -29.2110, 28.3010

Conversions

Conversions Part 2

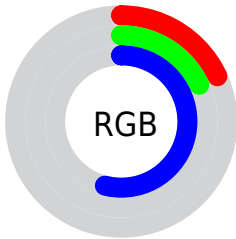
Format	Color
R_{YB}	47, 47, 138
Decimal	3092362
CIE _{Lab}	25.18, 29.85, -50.74
CIE _{LCh}	25, 58.866, 300.467
Yxy	4.4724, 0.1893, 0.1249
Android (android.graphics.Color)	4281282442 (0xFF2F2F8A)
YUV	57.3740, 39.7486, -9.0980
Hunter-Lab	21.1479, 20.1864, -54.0269

Details

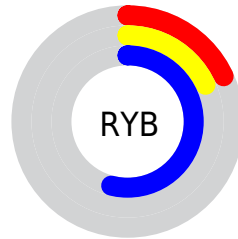
The HunterLab color **21.1479, 20.1864, -54.0269** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **48.7700, -11.8466, 26.5750**, and the grayscale version is **20.2314, -1.0795, 1.0992**.

A 20% lighter version of the original color is **38.1805, 22.6558, -53.5178**, and **8.9256, 19.8693, -54.0483** is the 20% darker color. If you saturate the color by 10%, you get **18.0570, 25.4455, -67.3789**, and if you desaturate by 10%, it is **24.7730, 15.4288, -42.0121**.

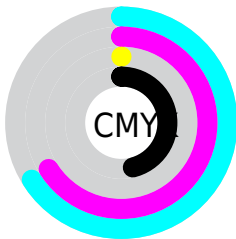
Distribution



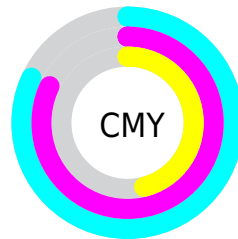
- Red (18%)
- Green (18%)
- Blue (54%)



- Red (18%)
- Yellow (18%)
- Blue (54%)



- Cyan (66%)
- Magenta (66%)
- Yellow (0%)
- Black (46%)



- Cyan (82%)
- Magenta (82%)
- Yellow (46%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1479, 20.1864, -54.0269 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 21.1479, 20.1864, -54.0269 by changing the saturation by 10% instead.

■ 21.1479, 20.1864,
-54.0269

■ 21.1479, 20.1864,
-54.0269

■ 120.2521, 27.6224,
-58.2996

■ 13.9327, 18.7646,
-56.3211

■ 38.2984, 22.6107,
-53.5114

■ 7.5695, 18.6148,
-65.5039

■ 48.0629, 23.6231,
-53.9753

0.0000, INF, -NF

■ 58.5398, 24.5198,
-54.6150

0.0000, NaN, -NF

■ 69.6836, 25.3124,
-55.3377

0.0000, NaN, -NF

■ 81.4567, 26.0112,
-56.0920

0.0000, NaN, NaN

■ 93.8268, 26.6245,

0.0000, NaN, NaN

0.0000, NaN, NaN

-56.8479

0.0000, NaN, NaN

106.7667, 27.1595,
-57.5874

■ 21.1479, 20.1864,
-54.0269

■ 21.1479, 20.1864,
-54.0269

■ 18.0570, 25.4455,
-67.3789

■ 24.7730, 15.4288,
-42.0121

■ 15.6746, 30.6896,
-80.7548

■ 28.7974, 11.2619,
-31.5631

■ 14.1164, 34.9603,
-91.6798

■ 33.1280, 7.6154,
-22.4870

■ 13.5464, 36.7441,
-96.2496

■ 37.7010, 4.3840,
-14.5059

■ 42.4721, 1.4724,
-7.3691

■ 47.4100, -1.1956,
-0.8771

■ 52.4917, -3.6778,
5.1218

■ 57.6999, -6.0176,
10.7415

■ 63.0211, -8.2476,
16.0676

Harmonies

Analogous

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



21.1482, -0.8379, -68.7510



21.1479, 20.1864, -54.0269



21.1482, 39.7595, -23.3642

Triad

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



21.1482, 20.1873, -54.0262



21.1482, 19.5026, 14.8037



21.1482, -26.2982, 0.8726

Complementary

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



21.1479, 20.1864, -54.0269



48.7700, -11.8466, 26.5750

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.



21.1482, -24.0904, 11.9816



21.1479, 20.1864, -54.0269



21.1482, -1.4196, 14.8037

Square

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



21.1482, 20.1873, -54.0262



21.1482, 39.2776, 12.1461



21.1482, -16.3579, 14.8037



21.1482, -23.9426, -24.3231

Rectangle

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



21.1479, 20.1864, -54.0269



21.1482, 46.8509, -5.2814



21.1482, -16.3579, 14.8037



21.1482, -26.0770, 6.0388

Sweetspot

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



21.1482, 20.1873, -54.0262



53.5177, 3.6432, -13.9135



45.4052, -21.0867, -3.7884



24.6213, 2.1712, -7.6825



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



21.1482, 20.1873, -54.0262



22.3394, 37.1638, -98.0711



24.8378, 28.8870, -41.5867



22.1185, -0.1748, -1.4006



12.9710, 35.1835, -92.1615



1.0573, 2.8677, -7.5110

Inverse Universe

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



30.4485, 41.0101, -27.3365



37.5658, 63.6816, -42.6237



45.4790, -24.3834, 24.0911



22.6472, 1.6192, -0.6923



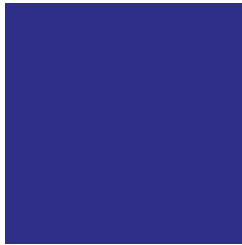
25.7609, 50.6462, -33.9724



2.0997, 4.1280, -2.7692

Previews

White Background



This preview shows how the HunterLab color 21.1479, 20.1864, -54.0269 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 21.1479, 20.1864, -54.0269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

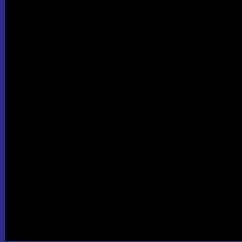
Any Text WCAG AA × Fail

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 21.1479, 20.1864, -54.0269 Background



This preview shows how black text looks on a background with the HunterLab color 21.1479, 20.1864, -54.0269.



This preview shows how white text looks on a background with the HunterLab color 21.1479, 20.1864, -54.0269.

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

21.1479, 20.1864, -54.0269

Protanopia

21.0505, 5.7792, -38.7870

Deuteranopia

20.8744, -0.4568, -25.1050



Tritanopia

20.8599, -10.1016, -4.2666

Trichromacy



Original Color

21.1479, 20.1864, -54.0269

Protanomaly

20.7750, 10.4413, -45.2984

Deuteranomaly

20.5715, 6.1376, -35.7218

Tritanomaly

20.1825, -1.1742, -19.3891

Monochromacy



Original Color

21.1479, 20.1864, -54.0269

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

19.9373, 4.6912, -13.8144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1479, 20.1864, -54.0269 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, 47, 138)` looks like.

```
.text, #text, p{  
    color:rgb(47, 47, 138)  
}
```

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, 47, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 47, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1479, 20.1864, -54.0269 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, 47, 138) }
```


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

```
.border{ border-color:rgb(47, 47, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 47, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 47, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 47, 138);  
box-shadow:4px 4px 4px 4px rgb(47, 47,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.1479, 20.1864, -54.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 47, 138) }
```

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

```
.background{ background-color: rgb(47, 47,  
138) }
```

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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