

Converting Colors

HunterLab(21.4507, -9.3547,
8.4408)

Have a look what the booklet for
HunterLab(21.4507, -9.3547, 8.4408)
contains.

HunterLab(21.4584, -9.3249, 8.4477)	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(21.4584, -9.3249,
8.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4224
RGB	46, 66, 36
RGB Percent	18%, 26%, 14%
CMY	0.8196, 0.7412, 0.8588
CMYK	0.30, 0.00, 0.45, 0.74
HSL	100°, 29%, 20%
HSV	100°, 45%, 26%
XYZ	3.3933, 4.6046, 2.3790
YIQ	56.6000, -2.2900, -13.5700

Conversions

Conversions Part 2

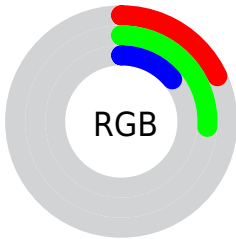
Format	Color
RYB	36, 66, 56
Decimal	3031588
CIELab	25.58, -14.57, 15.77
CIElCh	26, 21.475, 132.737
Yxy	4.6048, 0.3270, 0.4437
Android (android.graphics.Color)	4281221668 (0xFF2E4224)
YUV	56.6000, -10.1558, -9.2962
Hunter-Lab	21.4584, -9.3249, 8.4477

Details

The HunterLab color $[21.4584, -9.3249, 8.4477]$ is a dark color, and the websafe version is hex 333300 . A complement of this color would be $[15.7987, 9.0194, -9.4511]$, and the grayscale version is $[20.1254, -1.0738, 1.0934]$.

A 20% lighter version of the original color is $[38.6728, -12.2125, 11.6815]$, and $[8.0825, -6.9307, 4.8591]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.1451, -10.7198, 9.5092]$, and if you desaturate by 10%, it is $[21.8093, -7.7827, 7.1931]$.

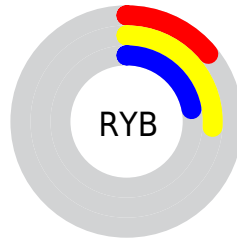
Distribution



Red (18%)

Green (26%)

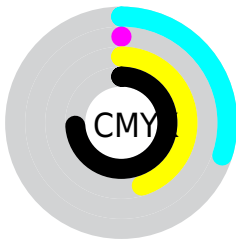
Blue (14%)



Red (14%)

Yellow (26%)

Blue (22%)

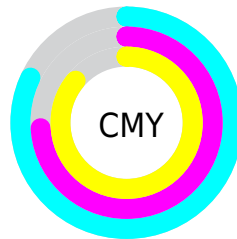


Cyan (30%)

Magenta (0%)

Yellow (45%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4584, -9.3249, 8.4477 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 21.4584, -9.3249, 8.4477 by changing the saturation by 10% instead.

■ 21.4584, -9.3249,
8.4477

■ 21.4584, -9.3249,
8.4477

120.8057,
-21.8502, 21.7380

■ 14.2032, -7.6999,
6.7070

■ 38.6768, -12.2922,
11.6622

■ 7.8582, -8.5012,
5.5007

■ 48.4709, -13.7008,
13.1682

0.0000, NaN, NaN

■ 58.9755, -15.0826,
14.6361

0.0000, NaN, NaN

■ 70.1454, -16.4475,
16.0787

0.0000, NaN, NaN

■ 81.9430, -17.8024,
17.5046

0.0000, NaN, NaN

■ 94.3366, -19.1522,

0.0000, NaN, NaN

107.2988,
-20.5006, 20.3301

21.4584, -9.3249,
8.4477

21.4584, -9.3249,
8.4477

21.1451, -10.7198,
9.5092

21.8093, -7.7827,
7.1931

20.8679, -11.9600,
10.3759

22.1961, -6.0997,
5.7491

20.6268, -13.0421,
11.0501

22.6189, -4.2852,
4.1222

20.4210, -13.9650,
11.5385

23.0770, -2.3491,
2.3209

20.2419, -14.7762,
11.9620

23.5697, -0.3017,
0.3547

■ 20.1672, -15.1199,
12.1622

■ 24.0958, 1.8467,
-1.7660

■ 24.6545, 4.0860,
-4.0303

■ 25.2445, 6.4062,
-6.4274

■ 25.8646, 8.7981,
-8.9462

Harmonies

Analogous

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



21.4589, -3.9562, 10.1090



21.4584, -9.3249, 8.4477



21.4589, -12.2688, 4.5439

Triad

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



21.4589, -9.3254, 8.4479



21.4589, -4.8935, -14.4469



21.4589, 13.1698, 3.7358

Complementary

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



21.4584, -9.3249, 8.4477



15.7987, 9.0194, -9.4511

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.



21.4589, 12.8369, -2.8647



21.4584, -9.3249, 8.4477



21.4589, 1.8164, -14.8697

Square

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



21.4589, -9.3254, 8.4479



21.4589, -9.9376, -9.1152



21.4589, 8.4777, -10.1358



21.4589, 9.3374, 8.0159

Rectangle

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



21.4584, -9.3249, 8.4477



21.4589, -12.7168, 0.5649



21.4589, 8.4777, -10.1358



21.4589, 13.5539, 1.7542

Sweetspot

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



21.4589, -9.3254, 8.4479



29.8587, -5.4383, 5.2412



20.2834, -0.4746, 7.6112



15.1690, -2.8895, 2.7788



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.4589, -9.3254, 8.4479



27.7923, -14.4620, 12.7747



21.0518, -10.7579, 6.8752



12.1628, -1.5672, 1.5333



29.7368, -22.8041, 17.9245



74.1715, -58.4478, 44.6809

Inverse Universe

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



15.7987, 9.0194, -9.4511



18.6213, 15.5184, -16.7592



16.6043, 10.9344, -5.3422



11.5701, 0.3298, -0.2946



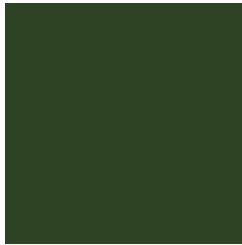
14.0411, 30.1791, -38.4710



34.4244, 74.6492, -99.4317

Previews

White Background



This preview shows how the HunterLab color 21.4584, -9.3249, 8.4477 looks on a white background.

Color Contrast Check

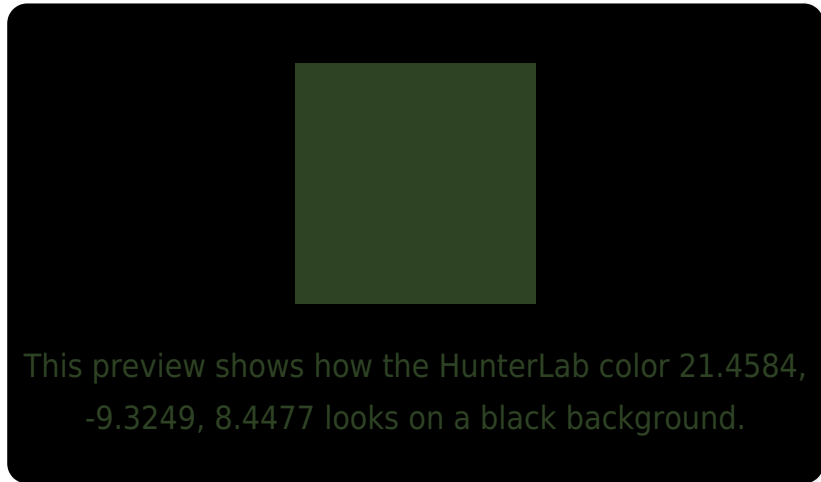
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 21.4584, -9.3249, 8.4477 Background



This preview shows how black text looks on a background with the HunterLab color 21.4584, -9.3249, 8.4477.

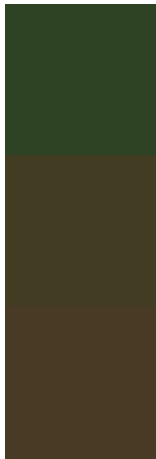


This preview shows how white text looks on a background with the HunterLab color 21.4584, -9.3249,

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

21.4584, -9.3249, 8.4477

Protanopia

21.4738, -2.6315, 9.0075

Deuteranopia

21.4068, 0.9831, 8.1292



Tritanopia

21.3408, -3.0448, -1.6562

Trichromacy



Original Color

21.4584, -9.3249, 8.4477

Protanomaly

21.4620, -5.2509, 8.7401

Deuteranomaly

21.2787, -3.2420, 8.1782

Tritanomaly

21.1979, -5.4520, 2.5020

Monochromacy



Original Color

21.4584, -9.3249, 8.4477

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.5191, -4.2571, 4.1732

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4584, -9.3249, 8.4477 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(46, 66, 36)` looks like.

```
.text, #text, p{  
  color:rgb(46, 66, 36)  
}
```

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(46, 66, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 66, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4584, -9.3249, 8.4477 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(46, 66, 36) }
```


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

```
.border{ border-color:rgb(46, 66, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 66, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 66, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 66, 36);  
box-shadow:4px 4px 4px 4px rgb(46, 66, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4584, -9.3249, 8.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 66, 36) }
```

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

```
.background{ background-color: rgb(46, 66,  
36) }
```

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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