

Converting Colors

HunterLab(84.3444, -25.0020,
41.3646)

Have a look what the booklet for
HunterLab(84.3444, -25.0020,
41.3646) contains.

HunterLab(84.3444, -25.0020, 41.3646)	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(84.3444,
-25.0020, 41.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E56D
RGB	212, 229, 109
RGB Percent	83%, 90%, 43%
CMY	0.1686, 0.1019, 0.5725
CMYK	0.07, 0.00, 0.52, 0.10
HSL	69°, 70%, 66%
HSV	69°, 52%, 90%
XYZ	57.9310, 71.1398, 25.1461
YIQ	210.2370, 28.3880, -40.9240

Conversions

Conversions Part 2

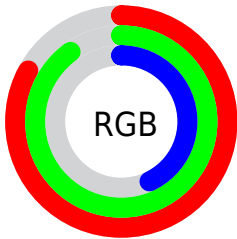
Format	Color
RYB	109, 229, 126
Decimal	13952365
CIELab	87.55, -22.42, 55.83
CIELCh	88, 60.167, 111.879
Yxy	71.1430, 0.3756, 0.4613
Android (android.graphics.Color)	4292142445 (0xFFD4E56D)
YUV	210.2370, -49.9098, 1.5462
Hunter-Lab	84.3444, -25.0020, 41.3646

Details

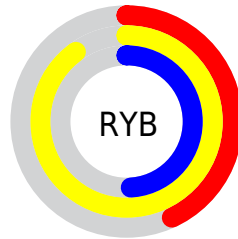
The HunterLab color $84.3444, -25.0020, 41.3646$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $45.8605, 29.5764, -67.0648$, and the grayscale version is $80.5822, -4.2997, 4.3782$.

A 20% lighter version of the original color is $97.6854, -18.1677, 38.8443$, and $61.2507, -21.6753, 33.8642$ is the 20% darker color. If you saturate the color by 10%, you get $83.8062, -27.5353, 44.9150$, and if you desaturate by 10%, it is $84.9643, -22.0557, 36.7592$.

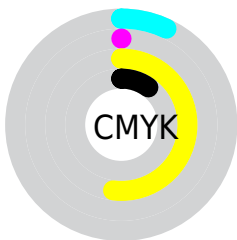
Distribution



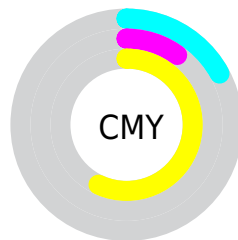
- Red (83%)
- Green (90%)
- Blue (43%)



- Red (43%)
- Yellow (90%)
- Blue (49%)



- Cyan (7%)
- Magenta (0%)
- Yellow (52%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.3444, -25.0020, 41.3646 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 84.3444, -25.0020, 41.3646 by changing the saturation by 10% instead.

■ 84.3444, -25.0020,
41.3646

■ 84.3444, -25.0020,
41.3646

215.5350,
-40.2088, 70.5383

■ 72.4285, -23.2469,
37.6294

■ 109.9260,
-28.4487, 48.4355

■ 61.1318, -21.4548,
33.7272

■ 123.5380,
-30.1467, 51.8080

■ 50.4924, -19.6163,
29.6284

■ 137.6696,
-31.8343, 55.0920

■ 40.5538, -17.7149,
25.2989

■ 152.3023,
-33.5147, 58.2993

■ 31.3694, -15.7259,
20.7805

167.4197,
-35.1904, 61.4399

■ 23.0071, -13.6104,
16.1050

183.0065,

■ 15.5574, -11.3016,

-36.8636, 64.5220

10.8902

199.0492,
-38.5359, 67.5528

■ 9.1451, -11.1718,
6.4015

0.0000, NaN, NaN

■ 84.3444, -25.0020,
41.3646

■ 84.3444, -25.0020,
41.3646

■ 83.8062, -27.5353,
44.9150

■ 84.9643, -22.0557,
36.7592

■ 83.3394, -29.6677,
47.4673

■ 85.6638, -18.6761,
31.0552

■ 82.9400, -31.4301,
49.1026

■ 86.4478, -14.8593,
24.2274

■ 82.6003, -32.8626,
49.9300

■ 87.3183, -10.6039,
16.2634

■ 82.3722, -33.7868,
50.1659

■ 88.2768, -5.9136,
7.1631

■ 89.3242, -0.7958,
-3.0630

■ 89.9310, 1.8826,
-6.9253

■ 90.2399, 2.9324,
-6.5030

■ 90.5534, 3.9940,
-6.0761

Harmonies

Analogous

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



84.3463, 3.8263, 42.9289



84.3444, -25.0020, 41.3646



84.3463, -45.3736, 31.9948

Triad

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



84.3463, -25.0045, 41.3653



84.3463, -37.3384, -51.2121



84.3463, 60.7680, -3.5613

Complementary

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



84.3444, -25.0020, 41.3646



45.8605, 29.5764, -67.0648

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.



84.3463, 46.0191, -36.9515



84.3444, -25.0020, 41.3646



84.3463, -12.5251, -70.1080

Square

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



84.3463, -25.0045, 41.3653



84.3463, -51.7683, -18.6065



84.3463, 18.1609, -64.1325



84.3463, 56.1927, 22.6367

Rectangle

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



84.3444, -25.0020, 41.3646



84.3463, -52.7584, 19.9808



84.3463, 18.1609, -64.1325



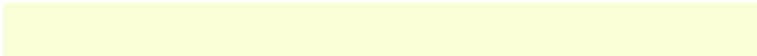
84.3463, 57.8401, -14.3875

Sweetspot

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



84.3463, -25.0045, 41.3653



98.2675, -13.8121, 21.8450



56.9485, 33.2689, 20.6100



45.3686, -6.8519, 10.9718

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.3463, -25.0045, 41.3653



94.6200, -31.3595, 51.0680



79.9492, -41.8543, 37.8014



40.8757, -4.3249, 6.3939



62.3156, -25.4232, 37.9535



17.0238, -6.5899, 10.3746

Inverse Universe

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



45.8605, 29.5764, -67.0648



43.6781, 43.8585, -100.7414



51.8752, 45.5537, -51.9663



37.3960, 0.2934, -2.5478



18.5605, 49.2116, -123.0909



5.3447, 13.6248, -31.2120

Previews

White Background



This preview shows how the HunterLab color 84.3444, -25.0020, 41.3646 looks on a white 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

Black Background



This preview shows how the HunterLab color 84.3444, -25.0020, 41.3646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

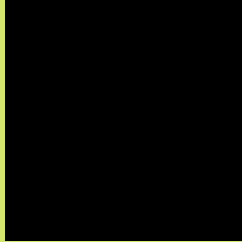
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 84.3444, -25.0020, 41.3646 Background



This preview shows how black text looks on a background with the HunterLab color 84.3444, -25.0020, 41.3646.



This preview shows how white text looks on a background with the HunterLab color 84.3444, -25.0020, 41.3646.

-25.0020, 41.3646.

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

84.3444, -25.0020, 41.3646

Protanopia

84.1180, -9.4976, 42.0558

Deuteranopia

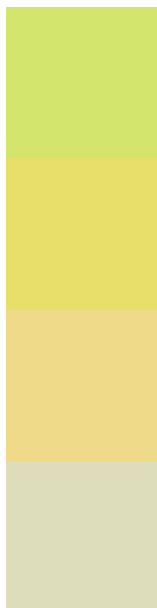
84.0913, 2.9142, 30.0033



Tritanopia

84.3586, 1.8188, -2.1688

Trichromacy



Original Color

84.3444, -25.0020, 41.3646

Protanomaly

84.2572, -15.4237, 41.8607

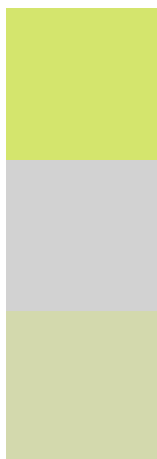
Deuteranomaly

83.8621, -7.8628, 34.5383

Tritanomaly

84.0927, -9.7153, 18.1031

Monochromacy



Original Color

84.3444, -25.0020, 41.3646

Achromatopsia

80.2795, -4.2835, 4.3617

Achromatomaly

81.5425, -13.0649, 21.2711

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.3444, -25.0020, 41.3646 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(212, 229, 109)` looks like.

```
.text, #text, p{  
    color:rgb(212, 229, 109)  
}
```

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(212, 229, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 229, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 84.3444, -25.0020, 41.3646 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(212, 229, 109) }
```


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

```
.border{ border-color:rgb(212, 229, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 229, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 229, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 229, 109);  
box-shadow:4px 4px 4px 4px rgb(212, 229,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.3444, -25.0020, 41.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 229, 109) }
```

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

```
.background{ background-color: rgb(212,  
229, 109) }
```

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