

# Converting Colors

HunterLab(15.4280, 21.9955,  
-45.7090)

Have a look what the booklet for  
HunterLab(15.4280, 21.9955,  
-45.7090) contains.

<b>HunterLab(15.4280, 21.9955, -45.7090)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(15.4280, 21.9955,  
-45.7090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E196D
RGB	46, 25, 109
RGB Percent	18%, 10%, 43%
CMY	0.8196, 0.9020, 0.5725
CMYK	0.58, 0.77, 0.00, 0.57
HSL	255°, 63%, 26%
HSV	255°, 77%, 43%
XYZ	4.2347, 2.3802, 14.7042
YIQ	40.8550, -14.4480, 30.5760

# Conversions

## Conversions Part 2

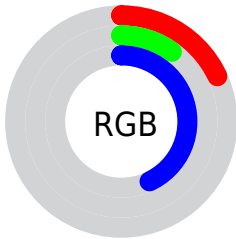
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 25, 109
Decimal	3021165
CIE <sub>Lab</sub>	17.37, 33.43, -45.08
CIE <sub>LCh</sub>	17, 56.120, 306.558
Yxy	2.3803, 0.1986, 0.1116
Android (android.graphics.Color)	4281211245 (0xFF2E196D)
YUV	40.8550, 33.5955, 4.5122
Hunter-Lab	15.4280, 21.9955, -45.7090

# Details

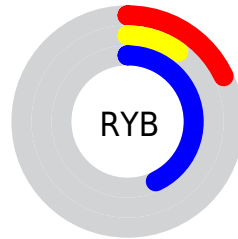
The HunterLab color **15.4280, 21.9955, -45.7090** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36.1691, -15.5814, 20.5069**, and the grayscale version is **14.7419, -0.7866, 0.8010**.

A 20% lighter version of the original color is **31.1967, 24.5483, -44.4292**, and **5.7118, 15.4932, -40.5846** is the 20% darker color. If you saturate the color by 10%, you get **13.5267, 25.3088, -54.6382**, and if you desaturate by 10%, it is **17.7455, 18.4257, -37.0825**.

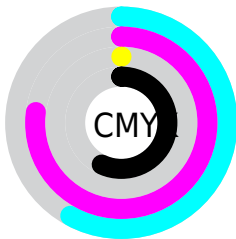
# Distribution



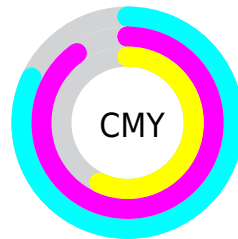
- Red (18%)
- Green (10%)
- Blue (43%)



- Red (18%)
- Yellow (10%)
- Blue (43%)



- Cyan (58%)
- Magenta (77%)
- Yellow (0%)
- Black (57%)



- Cyan (82%)
- Magenta (90%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4280, 21.9955, -45.7090 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 15.4280, 21.9955, -45.7090 by changing the saturation by 10% instead.



■ 15.4280, 21.9955,  
-45.7090

■ 15.4280, 21.9955,  
-45.7090

■ 109.6778, 31.4855,  
-49.2617

■ 9.0317, 20.4768,  
-49.2659

■ 31.2060, 24.9298,  
-44.7844

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.3758, 26.1967,  
-45.2085

0.0000, NaN, -NF

■ 50.3009, 27.3362,  
-45.8191

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9277, 28.3593,  
-46.5090

0.0000, NaN, NaN

■ 72.2125, 29.2769,  
-47.2227

0.0000, NaN, NaN

■ 84.1190, 30.0985,

0.0000, NaN, NaN

-47.9296

96.6164, 30.8323,  
-48.6126

15.4280, 21.9955,  
-45.7090

15.4280, 21.9955,  
-45.7090

13.5267, 25.3088,  
-54.6382

17.7455, 18.4257,  
-37.0825

12.0184, 28.2834,  
-63.4738

20.3881, 14.9046,  
-29.2502

11.5785, 29.3643,  
-66.4377

23.2848, 11.5506,  
-22.2898

26.3833, 8.3845,  
-16.1094

29.6458, 5.3888,  
-10.5734

■ 33.0450, 2.5350,  
-5.5524

■ 36.5605, -0.2054,  
-0.9379

■ 40.1773, -2.8570,  
3.3564

■ 43.8834, -5.4401,  
7.3980

# Harmonies

## Analogous

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



15.4282, 2.8335, -65.2415



15.4280, 21.9955, -45.7090



15.4282, 38.5508, -15.8371

# Triad

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



15.4282, 21.9962, -45.7084



15.4282, 13.3551, 10.7997



15.4282, -21.6018, -2.8736

# Complementary

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



15.4280, 21.9955, -45.7090



36.1691, -15.5814, 20.5069

# 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.



15.4282, -20.3973, 8.7525



15.4280, 21.9955, -45.7090



15.4282, -4.1697, 10.7997

# Square

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



15.4282, 21.9962, -45.7084



15.4282, 32.3071, 10.7997



15.4282, -15.1613, 10.7997



15.4282, -18.5870, -28.5617



# Rectangle

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



15.4280, 21.9955, -45.7090



15.4282, 43.2191, -1.0146



15.4282, -15.1613, 10.7997



15.4282, -21.6769, 2.4892

# Sweetspot

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



15.4282, 21.9962, -45.7084



41.2102, 5.8831, -11.7767



28.7928, -9.1551, -12.2108



19.2771, 3.3562, -6.6053



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715



# Same Dimension

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



15.4282, 21.9962, -45.7084



16.6368, 36.5252, -81.4366



19.6827, 30.2387, -30.9242



17.4881, 0.1473, -0.8666



12.4798, 31.7199, -72.1501



27.5302, 71.0479, -167.4920



# Inverse Universe

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



21.5662, 31.9143, -11.5326



26.8248, 47.7436, -15.2094



34.0417, -24.0696, 18.9531



17.7528, 0.9755, 0.0226



21.2293, 39.6723, -11.9912

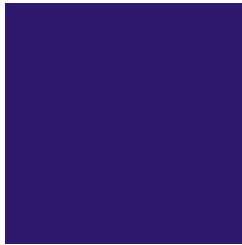


47.7704, 89.0165, -25.0097



# Previews

## White Background



This preview shows how the HunterLab color 15.4280, 21.9955, -45.7090 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 15.4280, 21.9955, -45.7090 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

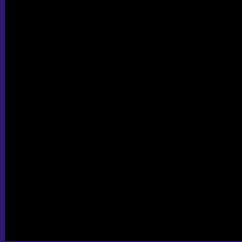
Any Text WCAG AA × Fail

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 15.4280, 21.9955, -45.7090 Background



This preview shows how black text looks on a background with the HunterLab color 15.4280, 21.9955, -45.7090.



This preview shows how white text looks on a background with the HunterLab color 15.4280, 21.9955, -45.7090.

-45.7090.

# 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

15.4280, 21.9955, -45.7090

### Protanopia

15.4182, 3.4796, -26.7827

### Deuteranopia

15.4873, -1.2523, -16.6545



## Tritanopia

15.6289, -5.1372, -2.3410

# Trichromacy



## Original Color

15.4280, 21.9955, -45.7090

## Protanomaly

14.9179, 9.4712, -34.6239

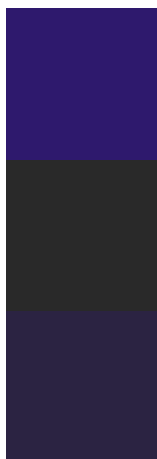
## Deuteranomaly

14.8660, 6.2328, -27.5526

## Tritanomaly

14.8668, 3.5228, -15.2279

# Monochromacy



## Original Color

15.4280, 21.9955, -45.7090

## Achromatopsia

14.8909, -0.7945, 0.8091

## Achromatomaly

14.5224, 6.3056, -11.9840

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 15.4280, 21.9955, -45.7090 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, 25, 109)` looks like.

```
.text, #text, p{  
    color:rgb(46, 25, 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(46, 25, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 25, 109) }
```

## Border

The CSS property to change the border of an element to HunterLab 15.4280, 21.9955, -45.7090 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, 25, 109) }
```



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

```
.border{ border-color:rgb(46, 25, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 25, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 25, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 25, 109);  
box-shadow:4px 4px 4px 4px rgb(46, 25,  
109) }
```

# Background

The CSS property to change the background color of an element to HunterLab 15.4280, 21.9955, -45.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 25, 109) }
```

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

```
.background{ background-color: rgb(46, 25,  
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