

Converting Colors

HunterLab(16.5130, 37.3983,
-32.1855)

Have a look what the booklet for
HunterLab(16.5130, 37.3983,
-32.1855) contains.

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Color

**HunterLab(17.1649, 34.7556,
-30.4598)**

Conversions

Conversions Part 1

Format	Color
Hex	570064
RGB	87, 0, 100
RGB Percent	34%, 0%, 39%
CMY	0.6588, 1.0000, 0.6078
CMYK	0.13, 1.00, 0.00, 0.61
HSL	292°, 100%, 20%
HSV	292°, 100%, 39%
XYZ	6.2307, 2.9463, 12.2969
YIQ	37.4130, 19.7520, 49.5440

Conversions

Conversions Part 2

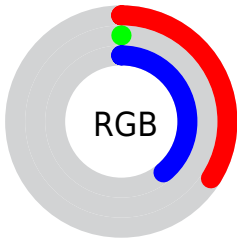
Format	Color
R_{YB}	87, 0, 100
Decimal	5701732
CIE _{Lab}	19.83, 47.18, -34.90
CIE _{LCh}	20, 58.682, 323.505
Yxy	2.9465, 0.2902, 0.1372
Android (android.graphics.Color)	4283891812 (0xFF570064)
YUV	37.4130, 30.8554, 43.4878
Hunter-Lab	17.1649, 34.7556, -30.4598

Details

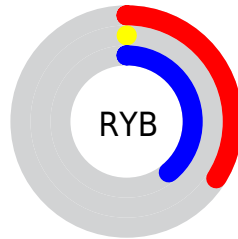
The HunterLab color **17.1649, 34.7556, -30.4598** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **30.3315, -25.2839, 18.2473**, and the grayscale version is **13.6343, -0.7275, 0.7408**.

A 20% lighter version of the original color is **33.4364, 38.3877, -31.3994**, and **8.4152, 17.4657, -18.2394** is the 20% darker color. If you saturate the color by 10%, you get **17.1650, 34.7557, -30.4597**, and if you desaturate by 10%, it is **17.9630, 32.7772, -28.1526**.

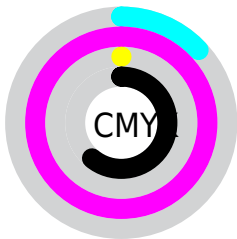
Distribution



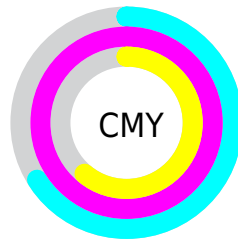
- Red (34%)
- Green (0%)
- Blue (39%)



- Red (34%)
- Yellow (0%)
- Blue (39%)



- Cyan (13%)
- Magenta (100%)
- Yellow (0%)
- Black (61%)



- Cyan (66%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1649, 34.7556, -30.4598 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 17.1649, 34.7556, -30.4598 by changing the saturation by 10% instead.

17.1649, 34.7556,
-30.4598

17.1649, 34.7556,
-30.4598

112.9744, 48.4581,
-35.0160

10.5064, 33.0577,
-31.1395

33.3882, 38.4900,
-31.1574

0.0000, INF, -NF

0.0000, NaN, -NF

42.7495, 40.2409,
-31.7640

0.0000, NaN, NaN

52.8517, 41.8777,
-32.3917

0.0000, NaN, NaN

63.6441, 43.3999,
-33.0020

0.0000, NaN, NaN

0.0000, NaN, NaN

75.0850, 44.8124,
-33.5764

0.0000, NaN, NaN

87.1395, 46.1218,

-34.1059

■ 99.7779, 47.3349,
-34.5862

■ 17.1649, 34.7556,
-30.4598

■ 17.1649, 34.7556,
-30.4598

■ 17.1650, 34.7557,
-30.4597

■ 17.9630, 32.7772,
-28.1526

■ 18.9057, 30.4403,
-25.6283

■ 20.1691, 27.2679,
-22.5367

■ 21.7338, 23.5049,
-19.0868

■ 23.5690, 19.3882,
-15.4670

■ 25.6407, 15.1026,
-11.8150

■ 27.9162, 10.7728,
-8.2161

■ 30.3668, 6.4727,
-4.7149

■ 32.9680, 2.2411,
-1.3289

Harmonies

Analogous

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



17.1653, 14.4321, -60.5807



17.1649, 34.7556, -30.4598



17.1653, 46.0897, -3.0353

Triad

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



17.1653, 34.7550, -30.4589



17.1653, 3.0019, 12.0157



17.1653, -22.0039, -17.0363

Complementary

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



17.1649, 34.7556, -30.4598



30.3315, -25.2839, 18.2473

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.



17.1653, -23.1444, 4.1363



17.1649, 34.7556, -30.4598



17.1653, -12.2523, 12.0157

Square

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



17.1653, 34.7550, -30.4589



17.1653, 23.6263, 12.0157



17.1653, -20.2829, 12.0157



17.1653, -16.5354, -48.7787

Rectangle

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



17.1649, 34.7556, -30.4598



17.1653, 44.7598, 6.7944



17.1653, -20.2829, 12.0157



17.1653, -22.8280, -8.1983

Sweetspot

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



17.1653, 34.7550, -30.4589



36.6872, 14.7683, -11.2938



11.0302, 20.3220, -57.6550



17.7395, 8.1799, -6.3080



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



17.1653, 34.7550, -30.4589



22.6568, 45.9198, -40.5471



17.5273, 32.0838, -4.7122



16.9467, 0.9175, -0.4990



19.8289, 40.1709, -35.3510



44.9878, 91.3261, -81.6499

Inverse Universe

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



16.5483, 28.5140, 9.3316



21.8860, 37.6640, 12.7192



30.4071, -24.5300, 14.9474



16.8870, 0.4952, 1.1337



19.1368, 32.9513, 10.9782



43.6154, 74.9256, 26.3786

Previews

White Background



This preview shows how the HunterLab color 17.1649, 34.7556, -30.4598 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

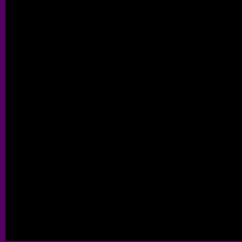
Any Text WCAG AA × Fail

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 17.1649, 34.7556, -30.4598 Background



This preview shows how black text looks on a background with the HunterLab color 17.1649, 34.7556, -30.4598.



This preview shows how white text looks on a background with the HunterLab color 17.1649, 34.7556, -30.4598.

-30.4598.

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

17.1649, 34.7556, -30.4598

Protanopia

18.2258, 4.7543, -33.0439

Deuteranopia

18.3149, 0.0477, -22.9951



Tritanopia

18.2310, 11.6826, 4.3145

Trichromacy



Original Color

17.1649, 34.7556, -30.4598

Protanomaly

15.2957, 15.3713, -41.0720

Deuteranomaly

15.1514, 12.1152, -33.7560

Tritanomaly

17.0092, 20.7336, -5.5482

Monochromacy



Original Color

17.1649, 34.7556, -30.4598

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.3856, 12.8177, -10.4630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1649, 34.7556, -30.4598 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(87, 0, 100)` looks like.

```
.text, #text, p{  
    color:rgb(87, 0, 100)  
}
```

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(87, 0, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 0, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1649, 34.7556, -30.4598 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(87, 0, 100) }
```


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

```
.border{ border-color:rgb(87, 0, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 0, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 0, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 0, 100);  
box-shadow:4px 4px 4px 4px rgb(87, 0, 100)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.1649, 34.7556, -30.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 0, 100) }
```

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

```
.background{ background-color: rgb(87, 0,  
100) }
```

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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