

# Converting Colors

HunterLab(12.4225, 24.1854,  
-34.0761)

Have a look what the booklet for  
HunterLab(12.4225, 24.1854,  
-34.0761) contains.

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# Color

**HunterLab(12.4861, 24.0827,  
-33.6907)**

# Conversions

## Conversions Part 1

Format	Color
Hex	350656
RGB	53, 6, 86
RGB Percent	21%, 2%, 34%
CMY	0.7922, 0.9765, 0.6627
CMYK	0.38, 0.93, 0.00, 0.66
HSL	275°, 87%, 18%
HSV	275°, 93%, 34%
XYZ	3.2130, 1.5590, 8.9357
YIQ	29.1730, 2.3320, 34.8440

# Conversions

## Conversions Part 2

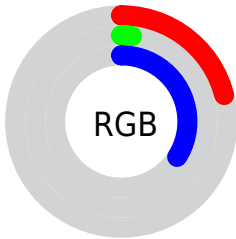
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 6, 86
Decimal	3475030
CIE <sub>Lab</sub>	12.98, 36.76, -36.95
CIE <sub>LCh</sub>	13, 52.123, 314.855
Yxy	1.5591, 0.2344, 0.1137
Android (android.graphics.Color)	4281665110 (0xFF350656)
YUV	29.1730, 28.0157, 20.8963
Hunter-Lab	12.4861, 24.0827, -33.6907

# Details

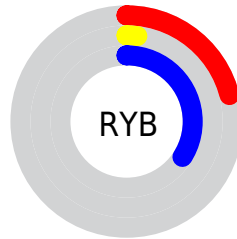
The HunterLab color **12.4861, 24.0827, -33.6907** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **26.6460, -18.5126, 15.7116**, and the grayscale version is **11.0538, -0.5898, 0.6006**.

A 20% lighter version of the original color is **27.5273, 27.2962, -33.5351**, and **3.9141, 10.6170, -27.8113** is the 20% darker color. If you saturate the color by 10%, you get **11.6767, 25.7507, -37.0583**, and if you desaturate by 10%, it is **13.6346, 22.0481, -29.4973**.

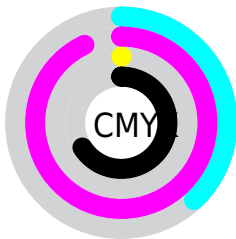
# Distribution



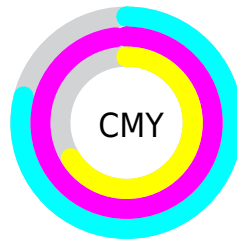
- Red (21%)
- Green (2%)
- Blue (34%)



- Red (21%)
- Yellow (2%)
- Blue (34%)



- Cyan (38%)
- Magenta (93%)
- Yellow (0%)
- Black (66%)



- Cyan (79%)
- Magenta (98%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4861, 24.0827, -33.6907 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 12.4861, 24.0827, -33.6907 by changing the saturation by 10% instead.



12.4861, 24.0827,  
-33.6907

12.4861, 24.0827,  
-33.6907

103.8765, 35.1340,  
-37.5018

5.7426, 29.3474,  
-43.5049

27.4363, 27.3320,  
-33.4134

0.0000, INF, -NF

0.0000, NaN, -NF

36.2541, 28.7928,  
-33.9334

0.0000, NaN, NaN

45.8550, 30.1241,  
-34.5557

0.0000, NaN, NaN

56.1796, 31.3331,  
-35.2018

0.0000, NaN, NaN

0.0000, NaN, NaN


67.1804, 32.4295,  
-35.8341


0.0000, NaN, NaN


78.8182, 33.4229,


0.0000, NaN, NaN


-36.4338


 91.0597, 34.3219,  
-36.9913

 12.4861, 24.0827,  
-33.6907


 12.4861, 24.0827,  
-33.6907


 11.6767, 25.7507,  
-37.0583

 13.6346, 22.0481,  
-29.4973

 15.0211, 19.5756,  
-25.1523

 16.6502, 16.7692,  
-20.7975

 18.4843, 13.8119,  
-16.6084

 20.4898, 10.8154,  
-12.6610

■ 22.6387, 7.8390,  
-8.9707

■ 24.9088, 4.9095,  
-5.5217

■ 27.2823, 2.0351,  
-2.2863

■ 29.7453, -0.7852,  
0.7663

# Harmonies

## Analogous

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



12.4863, 6.8851, -56.5573



12.4861, 24.0827, -33.6907



12.4863, 36.6270, -7.8712

# Triad

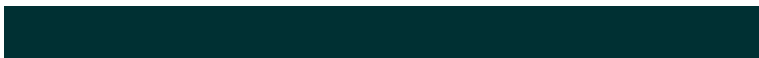
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.4863, 24.0829, -33.6901



12.4863, 7.0448, 8.7404



12.4863, -19.9099, -7.6717

# Complementary

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



12.4861, 24.0827, -33.6907



26.6460, -18.5126, 15.7116

# 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.



12.4863, -19.8860, 5.8326



12.4861, 24.0827, -33.6907



12.4863, -6.7643, 8.7404

# Square

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



12.4863, 24.0829, -33.6901



12.4863, 24.2425, 8.7404



12.4863, -15.1575, 8.7404



12.4863, -15.2227, -33.4166



# Rectangle

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



12.4861, 24.0827, -33.6907



12.4863, 38.2675, 2.6317



12.4863, -15.1575, 8.7404



12.4863, -20.4526, -1.6493

# Sweetspot

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



12.4863, 24.0829, -33.6901



31.1342, 8.7768, -9.9649



14.7772, 4.2340, -26.1447



14.9843, 4.8516, -5.5365



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823



# Same Dimension

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



12.4863, 24.0829, -33.6901



15.2635, 33.8326, -49.7746



16.3649, 29.4588, -16.4314



14.5330, 0.4283, -0.4994



14.5529, 32.2308, -47.2513



33.7104, 75.4542, -115.6118



# Inverse Universe

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



15.0173, 24.4636, 2.1038



19.1242, 33.7939, 4.2721



25.9279, -21.4610, 14.7557



14.6012, 0.5341, 0.5610



18.2077, 32.1872, 3.9666

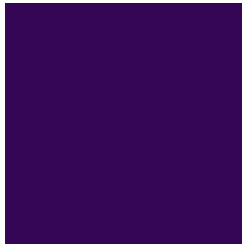


42.9569, 75.5640, 12.2612



# Previews

## White Background



This preview shows how the HunterLab color 12.4861, 24.0827, -33.6907 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 12.4861, 24.0827, -33.6907 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 12.4861, 24.0827, -33.6907 Background



This preview shows how black text looks on a background with the HunterLab color 12.4861, 24.0827, -33.6907.



This preview shows how white text looks on a background with the HunterLab color 12.4861, 24.0827, -33.6907.



# 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

12.4861, 24.0827, -33.6907

### Protanopia

13.0249, 2.3825, -21.4232

### Deuteranopia

13.0127, -1.0030, -14.0996



**Tritanopia**

13.3605, 1.8264, 0.8578

# Trichromacy



## Original Color

12.4861, 24.0827, -33.6907

## Protanomaly

11.5835, 10.0915, -29.5783

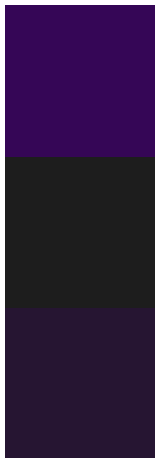
## Deuteranomaly

11.5979, 7.5247, -24.0636

## Tritanomaly

12.3448, 9.6982, -8.9854

# Monochromacy



## Original Color

12.4861, 24.0827, -33.6907

## Achromatopsia

11.0844, -0.5914, 0.6022

## Achromatomaly

10.8567, 8.0175, -9.6493

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 12.4861, 24.0827, -33.6907 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(53, 6, 86)` looks like.

```
.text, #text, p{  
    color:rgb(53, 6, 86)  
}
```

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(53, 6, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 6, 86) }
```

## Border

The CSS property to change the border of an element to HunterLab 12.4861, 24.0827, -33.6907 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(53, 6, 86) }
```



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

```
.border{ border-color:rgb(53, 6, 86) }
```

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

Here you see how a box with a 4 pixel rgb(53, 6, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 6, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 6, 86); box-shadow:4px  
4px 4px 4px rgb(53, 6, 86) }
```

# Background

The CSS property to change the background color of an element to HunterLab 12.4861, 24.0827, -33.6907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 6, 86) }
```

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

```
.background{ background-color: rgb(53, 6,  
86) }
```

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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