

Converting Colors

HunterLab(13.0479, 23.0371,
-35.8706)

Have a look what the booklet for
HunterLab(13.0479, 23.0371,
-35.8706) contains.

HunterLab(13.0573, 22.8389, -35.4763)	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(13.0573, 22.8389,
-35.4763)**

Conversions

Conversions Part 1

Format	Color
Hex	330C5A
RGB	51, 12, 90
RGB Percent	20%, 5%, 35%
CMY	0.8000, 0.9529, 0.6471
CMYK	0.43, 0.87, 0.00, 0.65
HSL	270°, 76%, 20%
HSV	270°, 87%, 35%
XYZ	3.3422, 1.7049, 9.8258
YIQ	32.5530, -1.7940, 32.5260

Conversions

Conversions Part 2

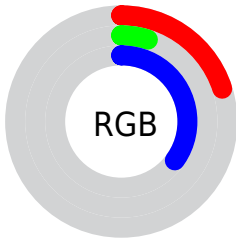
Format	Color
R_{YB}	51, 12, 90
Decimal	3345498
CIE _{Lab}	13.86, 35.12, -38.23
CIE _{LCh}	14, 51.914, 312.570
Yxy	1.7050, 0.2247, 0.1146
Android (android.graphics.Color)	4281535578 (0xFF330C5A)
YUV	32.5530, 28.3214, 16.1780
Hunter-Lab	13.0573, 22.8389, -35.4763

Details

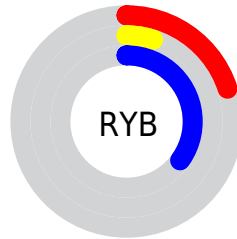
The HunterLab color **13.0573, 22.8389, -35.4763** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **28.3596, -17.6064, 16.4396**, and the grayscale version is **12.1062, -0.6460, 0.6578**.

A 20% lighter version of the original color is **28.2482, 25.7811, -35.0330**, and **4.1763, 11.3283, -29.6747** is the 20% darker color. If you saturate the color by 10%, you get **11.8147, 25.0643, -40.8225**, and if you desaturate by 10%, it is **14.4948, 20.4058, -30.2775**.

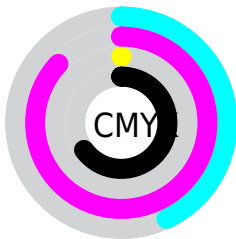
Distribution



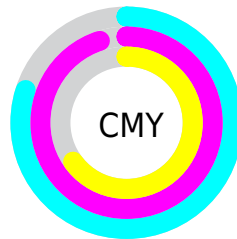
- Red (20%)
- Green (5%)
- Blue (35%)



- Red (20%)
- Yellow (5%)
- Blue (35%)



- Cyan (43%)
- Magenta (87%)
- Yellow (0%)
- Black (65%)



- Cyan (80%)
- Magenta (95%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0573, 22.8389, -35.4763 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 13.0573, 22.8389, -35.4763 by changing the saturation by 10% instead.

■ 13.0573, 22.8389,
-35.4763

■ 13.0573, 22.8389,
-35.4763

■ 105.0274, 33.2558,
-39.3078

■ 6.5336, 25.0999,
-42.4287

■ 28.1766, 25.9710,
-35.1336

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.0659, 27.3548,
-35.6459

0.0000, NaN, NaN

■ 46.7324, 28.6081,
-36.2714

0.0000, NaN, NaN

■ 57.1182, 29.7405,
-36.9282

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1763, 30.7623,
-37.5762

0.0000, NaN, NaN

■ 79.8682, 31.6832,

0.0000, NaN, NaN

-38.1950

■ 92.1613, 32.5119,
-38.7740

■ 13.0573, 22.8389,
-35.4763

■ 13.0573, 22.8389,
-35.4763

■ 11.8147, 25.0643,
-40.8225

■ 14.4948, 20.4058,
-30.2775

■ 11.3847, 25.9805,
-42.9049

■ 16.2094, 17.5906,
-25.0850

■ 18.1551, 14.6163,
-20.1461

■ 20.2912, 11.6130,
-15.5570

■ 22.5844, 8.6451,
-11.3261

■ 25.0087, 5.7379,
-7.4215

■ 27.5440, 2.8965,
-3.7983

■ 30.1746, 0.1167,
-0.4107

■ 32.8885, -2.6094,
2.7822

Harmonies

Analogous

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



13.0575, 5.6645, -56.7246



13.0573, 22.8389, -35.4763



13.0575, 35.9899, -9.4691

Triad

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



13.0575, 22.8392, -35.4757



13.0575, 8.3430, 9.1402



13.0575, -19.8291, -6.1469

Complementary

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



13.0573, 22.8389, -35.4763



28.3596, -17.6064, 16.4396

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.



13.0575, -19.4489, 6.4930



13.0573, 22.8389, -35.4763



13.0575, -6.0348, 9.1402

Square

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



13.0575, 22.8392, -35.4757



13.0575, 25.4940, 9.1402



13.0575, -14.6397, 9.1402



13.0575, -15.6786, -30.9901

Rectangle

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



13.0573, 22.8389, -35.4763



13.0575, 38.3296, 1.8033



13.0575, -14.6397, 9.1402



13.0575, -20.2270, -0.4852

Sweetspot

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



13.0575, 22.8392, -35.4757



33.0206, 7.6561, -9.9035



17.8438, 0.5936, -21.1347



15.9012, 4.1527, -5.3801



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



13.0575, 22.8392, -35.4757



14.8682, 34.1478, -57.7212



17.8179, 30.8639, -20.6673



15.2664, 0.3713, -0.5847



13.8764, 31.8216, -53.4970



31.6473, 73.5446, -129.5303

Inverse Universe

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



16.3573, 25.3421, -0.8288



20.2851, 36.2774, 1.1806



27.2343, -22.2678, 15.6346



15.3780, 0.6349, 0.4492



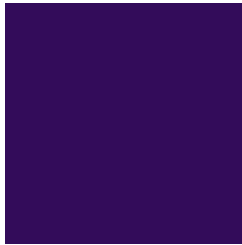
18.8858, 33.7940, 0.9517



43.9909, 78.3398, 5.1381

Previews

White Background



This preview shows how the HunterLab color 13.0573, 22.8389, -35.4763 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

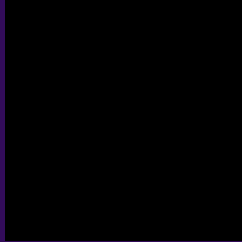
Any Text WCAG AA × Fail

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 13.0573, 22.8389, -35.4763 Background



This preview shows how black text looks on a background with the HunterLab color 13.0573, 22.8389, -35.4763.



This preview shows how white text looks on a background with the HunterLab color 13.0573, 22.8389, -35.4763.

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

13.0573, 22.8389, -35.4763

Protanopia

13.3550, 2.4967, -22.0823

Deuteranopia

13.2962, -1.1541, -14.1276



Tritanopia

13.5631, 0.3986, -0.0263

Trichromacy



Original Color

13.0573, 22.8389, -35.4763

Protanomaly

12.3142, 9.5530, -29.7258

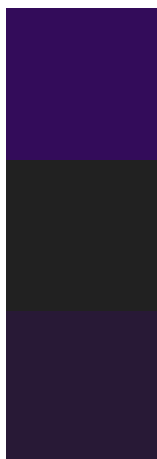
Deuteranomaly

12.2947, 6.7076, -23.5490

Tritanomaly

12.6607, 8.1829, -10.8011

Monochromacy



Original Color

13.0573, 22.8389, -35.4763

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

11.8858, 7.5621, -9.9530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0573, 22.8389, -35.4763 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(51, 12, 90)` looks like.

```
.text, #text, p{  
    color:rgb(51, 12, 90)  
}
```

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(51, 12, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 12, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0573, 22.8389, -35.4763 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(51, 12, 90) }
```


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

```
.border{ border-color:rgb(51, 12, 90) }
```

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

Here you see how a box with a 4 pixel rgb(51, 12, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 12, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 12, 90);  
box-shadow:4px 4px 4px 4px rgb(51, 12, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0573, 22.8389, -35.4763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 12, 90) }
```

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

```
.background{ background-color: rgb(51, 12,  
90) }
```

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