

Converting Colors

HunterLab(12.6775, 23.5996,
-51.7872)

Have a look what the booklet for
HunterLab(12.6775, 23.5996,
-51.7872) contains.

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Color

**HunterLab(12.6775, 23.5996,
-51.7872)**

Conversions

Conversions Part 1

Format	Color
Hex	220D67
RGB	34, 13, 103
RGB Percent	13%, 5%, 40%
CMY	0.8667, 0.9490, 0.5961
CMYK	0.67, 0.87, 0.00, 0.60
HSL	254°, 78%, 23%
HSV	254°, 87%, 40%
XYZ	3.2518, 1.6072, 12.9707
YIQ	29.5390, -16.3740, 32.4420

Conversions

Conversions Part 2

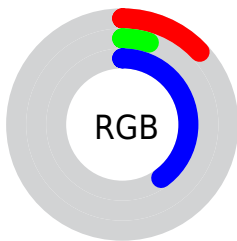
Format	Color
R_{YB}	34, 13, 103
Decimal	2231655
CIE _{Lab}	13.27, 36.14, -47.94
CIE _{LCh}	13, 60.032, 307.012
Yxy	1.6072, 0.1824, 0.0901
Android (android.graphics.Color)	4280421735 (0xFF220D67)
YUV	29.5390, 36.2163, 3.9123
Hunter-Lab	12.6775, 23.5996, -51.7872

Details

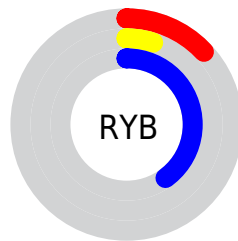
The HunterLab color **12.6775, 23.5996, -51.7872** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **33.9458, -15.2237, 19.9858**, and the grayscale version is **11.1463, -0.5947, 0.6056**.

A 20% lighter version of the original color is **27.6914, 26.9381, -48.8612**, and **5.2520, 14.2461, -37.3177** is the 20% darker color. If you saturate the color by 10%, you get **11.2200, 26.6006, -60.4290**, and if you desaturate by 10%, it is **14.4710, 20.4544, -43.2995**.

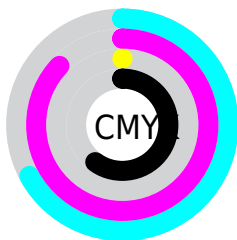
Distribution



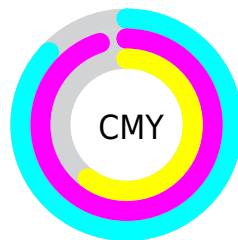
- Red (13%)
- Green (5%)
- Blue (40%)



- Red (13%)
- Yellow (5%)
- Blue (40%)



- Cyan (67%)
- Magenta (87%)
- Yellow (0%)
- Black (60%)



- Cyan (87%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6775, 23.5996, -51.7872 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 12.6775, 23.5996, -51.7872 by changing the saturation by 10% instead.

■ 12.6775, 23.5996,
-51.7872

■ 12.6775, 23.5996,
-51.7872

■ 104.2634, 34.4166,
-53.2183

■ 6.0204, 27.6618,
-67.4597

■ 27.6847, 26.8076,
-49.0275

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.5267, 28.2399,
-49.1908

0.0000, NaN, -NF

■ 46.1497, 29.5423,
-49.6824

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.4949, 30.7227,
-50.3298

0.0000, NaN, NaN

■ 67.5151, 31.7912,
-51.0454

0.0000, NaN, NaN

■ 79.1711, 32.7575,

0.0000, NaN, NaN

-51.7816

■ 91.4300, 33.6301,
-52.5113

■ 12.6775, 23.5996,
-51.7872

■ 12.6775, 23.5996,
-51.7872

■ 11.2200, 26.6006,
-60.4290

■ 14.4710, 20.4544,
-43.2995

■ 10.8349, 27.5929,
-63.0590

■ 16.6536, 17.0969,
-35.1231

■ 19.1400, 13.8079,
-27.7139

■ 21.8634, 10.6899,
-21.1389

■ 24.7749, 7.7573,
-15.3068

■ 27.8393, 4.9903,
-10.0867

■ 31.0311, 2.3603,
-5.3550

■ 34.3314, -0.1605,
-1.0086

■ 37.7262, -2.5960,
3.0347

Harmonies

Analogous

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



12.6776, 3.2922, -75.9742



12.6775, 23.5996, -51.7872



12.6776, 41.7681, -16.8328

Triad

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



12.6776, 23.6006, -51.7868



12.6776, 13.6776, 8.8743



12.6776, -22.1858, -3.4174

Complementary

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



12.6775, 23.5996, -51.7872



33.9458, -15.2237, 19.9858

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.



12.6776, -21.5150, 8.8743



12.6775, 23.5996, -51.7872



12.6776, -4.2112, 8.8743

Square

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



12.6776, 23.6006, -51.7868



12.6776, 34.3279, 8.8743



12.6776, -14.9409, 8.8743



12.6776, -18.9962, -32.4800

Rectangle

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



12.6775, 23.5996, -51.7872



12.6776, 46.8519, -0.9287



12.6776, -14.9409, 8.8743



12.6776, -22.1858, 2.1200

Sweetspot

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



12.6776, 23.6006, -51.7868



37.5119, 6.4556, -13.0891



26.6446, -8.9017, -12.2915



18.0129, 3.6348, -7.2887



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



12.6776, 23.6006, -51.7868



14.3293, 36.7762, -85.5979



17.1153, 30.7102, -33.3680



16.7083, 0.1083, -0.8164



12.0917, 30.8964, -71.1696



26.9855, 70.0250, -167.1448

Inverse Universe

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



19.4435, 32.6260, -11.7864



24.8090, 46.4826, -14.9490



31.8164, -23.7797, 18.4794



16.9666, 0.9233, 0.0008



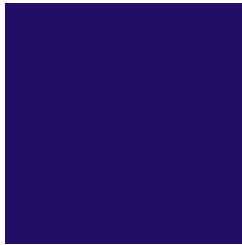
20.8134, 39.0262, -12.7724



47.3861, 88.6055, -27.1729

Previews

White Background



This preview shows how the HunterLab color 12.6775, 23.5996, -51.7872 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 12.6775, 23.5996, -51.7872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

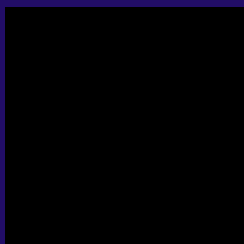
Any Text WCAG AA × Fail

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 12.6775, 23.5996, -51.7872 Background



This preview shows how black text looks on a background with the HunterLab color 12.6775, 23.5996, -51.7872.



This preview shows how white text looks on a background with the HunterLab color 12.6775, 23.5996, -51.7872.

-51.7872.

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

12.6775, 23.5996, -51.7872

Protanopia

12.9734, 2.1124, -20.7757

Deuteranopia

12.9265, -1.4790, -12.9643

Trichromacy



Original Color

12.6775, 23.5996, -51.7872

Protanomaly

12.2561, 9.7743, -32.8520

Deuteranomaly

12.0187, 7.2813, -27.1031

Monochromacy



Original Color

12.6775, 23.5996, -51.7872

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.1354, 6.6453, -13.6324

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6775, 23.5996, -51.7872 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(34, 13, 103)` looks like.

```
.text, #text, p{  
    color:rgb(34, 13, 103)  
}
```

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(34, 13, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 13, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6775, 23.5996, -51.7872 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(34, 13, 103) }
```

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

```
.border{ border-color:rgb(34, 13, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 13, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 13, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 13, 103);  
box-shadow:4px 4px 4px 4px rgb(34, 13,  
103) }
```


Background

The CSS property to change the background color of an element to HunterLab 12.6775, 23.5996, -51.7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 13, 103) }
```

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

```
.background{ background-color: rgb(34, 13,  
103) }
```

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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