

Converting Colors

HunterLab(12.5155, 20.0568,
-50.2622)

Have a look what the booklet for
HunterLab(12.5155, 20.0568,
-50.2622) contains.

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Color

**HunterLab(12.5155, 20.0568,
-50.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	181265
RGB	24, 18, 101
RGB Percent	9%, 7%, 40%
CMY	0.9059, 0.9294, 0.6039
CMYK	0.76, 0.82, 0.00, 0.60
HSL	244°, 70%, 23%
HSV	244°, 82%, 40%
XYZ	2.9419, 1.5664, 12.4591
YIQ	29.2560, -23.0670, 27.0850

Conversions

Conversions Part 2

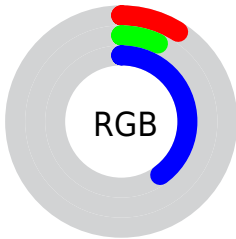
Format	Color
R_{YB}	24, 18, 101
Decimal	1577573
CIE _{Lab}	13.02, 31.89, -47.06
CIE _{LCh}	13, 56.842, 304.123
Yxy	1.5664, 0.1734, 0.0923
Android (android.graphics.Color)	4279767653 (0xFF181265)
YUV	29.2560, 35.3698, -4.6095
Hunter-Lab	12.5155, 20.0568, -50.2622

Details

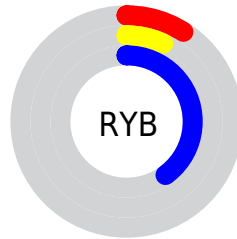
The HunterLab color **12.5155, 20.0568, -50.2622** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **34.3272, -10.7693, 19.9754**, and the grayscale version is **11.0630, -0.5903, 0.6011**.

A 20% lighter version of the original color is **27.4572, 23.1495, -47.7523**, and **5.6760, 11.2999, -31.4878** is the 20% darker color. If you saturate the color by 10%, you get **10.9981, 23.3707, -59.1868**, and if you desaturate by 10%, it is **14.5063, 16.5225, -41.0934**.

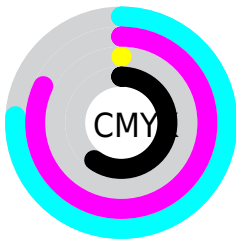
Distribution



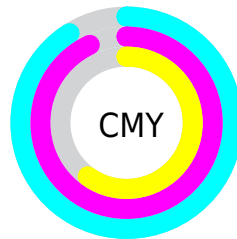
- Red (9%)
- Green (7%)
- Blue (40%)



- Red (9%)
- Yellow (7%)
- Blue (40%)



- Cyan (76%)
- Magenta (82%)
- Yellow (0%)
- Black (60%)



- Cyan (91%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5155, 20.0568, -50.2622 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 12.5155, 20.0568, -50.2622 by changing the saturation by 10% instead.

■ 12.5155, 20.0568,
-50.2622

■ 12.5155, 20.0568,
-50.2622

■ 103.9359, 29.4142,
-51.8916

■ 5.7861, 24.5247,
-66.9706

■ 27.4744, 22.9785,
-47.6783

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.2959, 24.2385,
-47.8736

0.0000, NaN, -NF

■ 45.9002, 25.3664,
-48.3806

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.2280, 26.3741,
-49.0329

0.0000, NaN, NaN

■ 67.2318, 27.2732,
-49.7467

0.0000, NaN, NaN

■ 78.8723, 28.0739,

0.0000, NaN, NaN

-50.4765

91.1165, 28.7850,
-51.1965

12.5155, 20.0568,
-50.2622

12.5155, 20.0568,
-50.2622

10.9981, 23.3707,
-59.1868

14.5063, 16.5225,
-41.0934

9.9335, 26.4699,
-66.9014

16.8719, 13.1526,
-32.6391

19.5219, 10.0928,
-25.1866

22.3908, 7.3442,
-18.6758

25.4329, 4.8599,
-12.9452

■ 28.6162, 2.5863,
-7.8307

■ 31.9176, 0.4768,
-3.1947

■ 35.3205, -1.5064,
1.0709

■ 38.8122, -3.3921,
5.0487

Harmonies

Analogous

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



12.5156, 1.4813, -69.6428



12.5155, 20.0568, -50.2622



12.5156, 37.4690, -18.2766

Triad

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



12.5156, 20.0579, -50.2619



12.5156, 14.6339, 8.7609



12.5156, -21.9023, -1.4645

Complementary

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



12.5155, 20.0568, -50.2622



34.3272, -10.7693, 19.9754

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.



12.5156, -20.1629, 8.7609



12.5155, 20.0568, -50.2622



12.5156, -2.6823, 8.7609

Square

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



12.5156, 20.0579, -50.2619



12.5156, 33.4338, 8.7609



12.5156, -13.4587, 8.7609



12.5156, -18.7400, -26.6962

Rectangle

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



12.5155, 20.0568, -50.2622



12.5156, 43.0958, -2.4784



12.5156, -13.4587, 8.7609



12.5156, -21.9023, 3.1852

Sweetspot

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



12.5156, 20.0579, -50.2619



36.0072, 4.4100, -12.5393



30.5563, -14.1431, -5.3084



17.3430, 2.5560, -7.0482



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.



12.5156, 20.0579, -50.2619



13.0761, 34.1738, -87.1828



15.8022, 25.9723, -36.0026



16.6503, -0.0906, -0.8944



11.3386, 30.2834, -76.9023



25.5929, 68.9357, -178.0889

Inverse Universe

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



20.0633, 32.9354, -19.0497



24.8031, 47.7227, -26.9168



31.8345, -20.4845, 18.1920



16.9875, 1.0359, -0.2971



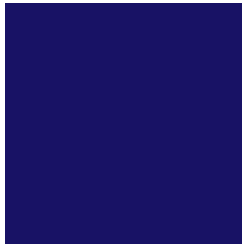
21.6283, 41.8933, -23.6533



49.3381, 95.4799, -53.2883

Previews

White Background



This preview shows how the HunterLab color 12.5155, 20.0568, -50.2622 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 12.5155, 20.0568, -50.2622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

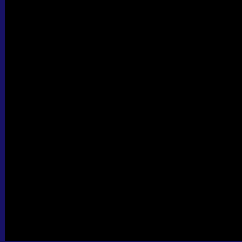
Any Text WCAG AA × Fail

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 12.5155, 20.0568, -50.2622 Background



This preview shows how black text looks on a background with the HunterLab color 12.5155, 20.0568, -50.2622.



This preview shows how white text looks on a background with the HunterLab color 12.5155, 20.0568, -50.2622.

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

12.5155, 20.0568, -50.2622

Protanopia

12.6451, 2.0006, -20.1240

Deuteranopia

12.6016, -1.5634, -12.3759



Tritanopia

12.6930, -6.3815, -2.0894

Trichromacy



Original Color

12.5155, 20.0568, -50.2622

Protanomaly

12.2384, 8.4958, -30.9827

Deuteranomaly

12.0200, 6.0224, -25.3223

Tritanomaly

11.8192, 1.9680, -16.2730

Monochromacy



Original Color

12.5155, 20.0568, -50.2622

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

10.9732, 5.0218, -12.6798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5155, 20.0568, -50.2622 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(24, 18, 101)` looks like.

```
.text, #text, p{  
    color:rgb(24, 18, 101)  
}
```

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(24, 18, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 18, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5155, 20.0568, -50.2622 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(24, 18, 101) }
```


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

```
.border{ border-color:rgb(24, 18, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 18, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 18, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 18, 101);  
box-shadow:4px 4px 4px 4px rgb(24, 18,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5155, 20.0568, -50.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 18, 101) }
```

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

```
.background{ background-color: rgb(24, 18,  
101) }
```

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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