

Converting Colors

HunterLab(12.5006, 32.2262,
-75.7864)

Have a look what the booklet for
HunterLab(12.5006, 32.2262,
-75.7864) contains.

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Color

**HunterLab(12.5010, 32.2556,
-76.0092)**

Conversions

Conversions Part 1

Format	Color
Hex	190078
RGB	25, 0, 120
RGB Percent	10%, 0%, 47%
CMY	0.9019, 1.0000, 0.5294
CMYK	0.79, 1.00, 0.00, 0.53
HSL	253°, 100%, 24%
HSV	253°, 100%, 47%
XYZ	3.7911, 1.5628, 17.8712
YIQ	21.1550, -23.6200, 42.6200

Conversions

Conversions Part 2

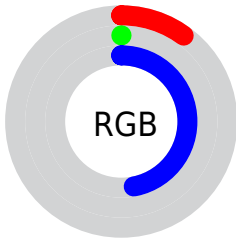
Format	Color
R _Y B	25, 0, 120
Decimal	1638520
CIE Lab	13.00, 45.83, -59.50
CIE LCh	13, 75.104, 307.605
Yxy	1.5628, 0.1632, 0.0673
Android (android.graphics.Color)	4279828600 (0xFF190078)
YUV	21.1550, 48.7306, 3.3721
Hunter-Lab	12.5010, 32.2556, -76.0092

Details

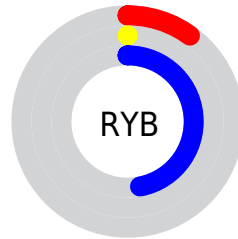
The HunterLab color **12.5010, 32.2556, -76.0092** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **39.8316, -18.4603, 24.2209**, and the grayscale version is **8.5714, -0.4573, 0.4657**.

A 20% lighter version of the original color is **27.4727, 36.0222, -68.8623**, and **6.6498, 18.0375, -47.2495** is the 20% darker color. If you saturate the color by 10%, you get **12.5014, 32.2561, -76.0068**, and if you desaturate by 10%, it is **14.0277, 28.8723, -65.9555**.

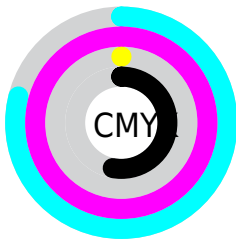
Distribution



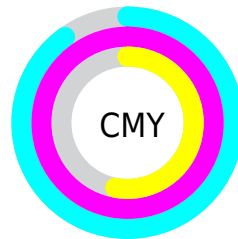
- Red (10%)
- Green (0%)
- Blue (47%)



- Red (10%)
- Yellow (0%)
- Blue (47%)



- Cyan (79%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (90%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5010, 32.2556, -76.0092 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 12.5010, 32.2556, -76.0092 by changing the saturation by 10% instead.

■ 12.5010, 32.2556,
-76.0092

■ 12.5010, 32.2556,
-76.0092

■ 103.9070, 46.0497,
-71.2611

■ 5.7650, 38.9791,
-105.8967

■ 27.4559, 35.9099,
-68.5175

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.2756, 37.6901,
-67.8373

0.0000, NaN, -NF

■ 45.8782, 39.3596,
-67.8701

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.2045, 40.9121,
-68.2843

0.0000, NaN, NaN


■ 67.2068, 42.3507,
-68.9084


0.0000, NaN, NaN


■ 78.8460, 43.6818,

0.0000, NaN, NaN

-69.6467


 91.0889, 44.9125,
-70.4425


 12.5010, 32.2556,
-76.0092


 12.5010, 32.2556,
-76.0092


 12.5014, 32.2561,
-76.0068

 14.0277, 28.8723,
-65.9555

 15.9529, 25.2958,
-55.7684

 18.4078, 21.2744,
-45.5185

 21.2765, 17.2757,
-36.1041

 24.4642, 13.4884,
-27.7541

■ 27.9013, 9.9504,
-20.3931

■ 31.5381, 6.6396,
-13.8557

■ 35.3393, 3.5171,
-7.9749

■ 39.2791, 0.5441,
-2.6090

Harmonies

Analogous

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



12.5014, 4.8043, -115.6562



12.5010, 32.2556, -76.0092



12.5014, 57.9446, -22.6145

Triad

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



12.5014, 32.2561, -76.0068



12.5014, 17.4846, 8.7510



12.5014, -21.8774, -5.1521

Complementary

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



12.5010, 32.2556, -76.0092



39.8316, -18.4603, 24.2209

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.



12.5014, -21.8774, 8.7510



12.5010, 32.2556, -76.0092



12.5014, -5.3352, 8.7510

Square

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



12.5014, 32.2561, -76.0068



12.5014, 46.3192, 8.7510



12.5014, -18.3171, 8.7510



12.5014, -21.8774, -48.0609

Rectangle

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



12.5010, 32.2556, -76.0092



12.5014, 65.0400, -0.9366



12.5014, -18.3171, 8.7510



12.5014, -21.8774, 2.1068

Sweetspot

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



12.5014, 32.2561, -76.0068



41.4635, 9.1190, -18.9805



31.1799, -11.2102, -14.7727



19.3734, 5.1572, -10.6392



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



12.5014, 32.2561, -76.0068



16.4282, 42.6515, -101.9240



18.0025, 38.3623, -46.7577



19.8245, 0.1394, -1.0702



13.0365, 33.6731, -79.5416



27.9341, 73.0997, -177.7738

Inverse Universe

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



21.9527, 41.3576, -14.9848



29.0801, 54.7297, -19.4188



37.1593, -29.2700, 22.3849



20.1591, 1.2061, -0.0994



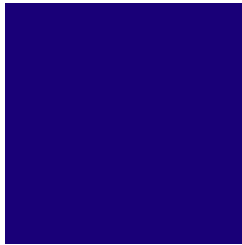
22.9246, 43.1812, -15.5904



49.9423, 93.8625, -32.3386

Previews

White Background



This preview shows how the HunterLab color 12.5010, 32.2556, -76.0092 looks on a white background.

Color Contrast Check

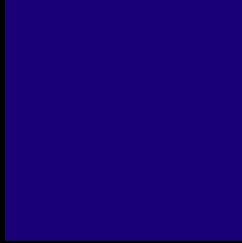
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.5010, 32.2556, -76.0092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

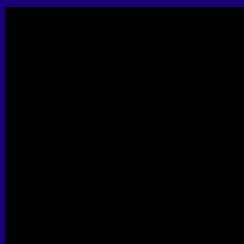
Any Text WCAG AA × Fail

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 12.5010, 32.2556, -76.0092 Background



This preview shows how black text looks on a background with the HunterLab color 12.5010, 32.2556, -76.0092.



This preview shows how white text looks on a background with the HunterLab color 12.5010, 32.2556, -76.0092.

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

12.5010, 32.2556, -76.0092

Protanopia

13.6344, 2.3384, -22.0897

Deuteranopia

13.5377, -1.5441, -13.5878



Tritanopia

13.5565, -6.8358, -2.1879

Trichromacy



Original Color

12.5010, 32.2556, -76.0092

Protanomaly

12.2542, 13.7341, -42.3140

Deuteranomaly

11.8710, 10.8022, -35.4205

Tritanomaly

11.4447, 6.0850, -24.6026

Monochromacy



Original Color

12.5010, 32.2556, -76.0092

Achromatopsia

8.6597, -0.4621, 0.4705

Achromatomaly

8.6823, 9.7506, -20.9129

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5010, 32.2556, -76.0092 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(25, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(25, 0, 120)  
}
```

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(25, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 0, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5010, 32.2556, -76.0092 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(25, 0, 120) }
```


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

```
.border{ border-color:rgb(25, 0, 120) }
```

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

Here you see how a box with a 4 pixel rgb(25, 0, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(25, 0, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5010, 32.2556, -76.0092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 0, 120) }
```

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

```
.background{ background-color: rgb(25, 0,  
120) }
```

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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