

Converting Colors

HunterLab(49.6269, 91.7744,
-20.5435)

Have a look what the booklet for
HunterLab(49.6269, 91.7744,
-20.5435) contains.

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Color

**HunterLab(49.6361, 91.8074,
-20.6707)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00B6
RGB	255, 0, 182
RGB Percent	100%, 0%, 71%
CMY	0.0000, 0.9998, 0.2863
CMYK	0.00, 1.00, 0.29, 0.00
HSL	317°, 100%, 50%
HSV	317°, 100%, 100%
XYZ	49.6835, 24.6374, 46.3929
YIQ	96.9930, 93.5580, 110.6620

Conversions

Conversions Part 2

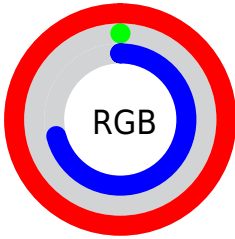
Format	Color
R_{YB}	255, 0, 182
Decimal	16711862
CIE _{Lab}	56.72, 89.32, -25.11
CIE _{LCh}	57, 92.784, 344.295
Yxy	24.6387, 0.4116, 0.2041
Android (android.graphics.Color)	4294901942 (0xFFFF00B6)
YUV	96.9930, 41.9085, 138.5721
Hunter-Lab	49.6361, 91.8074, -20.6707

Details

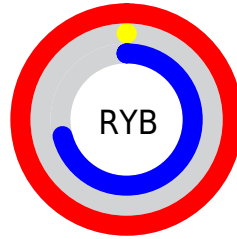
The HunterLab color **49.6361, 91.8074, -20.6707** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **84.8541, -70.7341, 46.6369**, and the grayscale version is **34.4082, -1.8359, 1.8695**.

A 20% lighter version of the original color is **60.7748, 74.0507, -40.1671**, and **35.9478, 65.9707, -10.9491** is the 20% darker color. If you saturate the color by 10%, you get **49.6354, 91.8049, -20.6611**, and if you desaturate by 10%, it is **50.6623, 90.3890, -23.7441**.

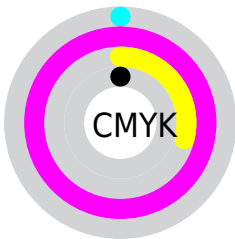
Distribution



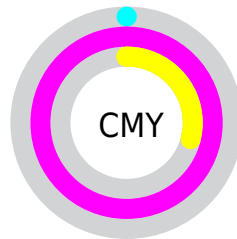
- Red (100%)
- Green (0%)
- Blue (71%)



- Red (100%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6361, 91.8074, -20.6707 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 49.6361, 91.8074, -20.6707 by changing the saturation by 10% instead.

49.6361, 91.8074,
-20.6707

49.6361, 91.8074,
-20.6707

166.1427,
113.1111, -22.4163

39.7594, 89.2566,
-20.1937

71.4636, 96.9943,
-21.4482

30.6406, 86.9106,
-19.6751

83.3309, 99.5321,
-21.7487

22.3504, 85.0771,
-19.1468

95.7909, 102.0002,
-21.9913

14.9819, 84.5287,
-18.7046

108.8166,
104.3893, -22.1782

8.6263, 88.2195,
-18.8193

122.3843,
106.6952, -22.3118

0.0000, INF, -NF

0.0000, NaN, NaN

136.4734,

108.9169, -22.3945

0.0000, NaN, NaN

151.0651,
111.0550, -22.4286

■ 49.6361, 91.8074,
-20.6707

■ 49.6361, 91.8074,
-20.6707

■ 49.6354, 91.8049,
-20.6611

■ 50.6623, 90.3890,
-23.7441

■ 52.5794, 86.0777,
-25.3908

■ 55.5531, 78.7047,
-25.2967

■ 59.5718, 68.8836,
-23.5582

■ 64.5541, 57.4266,
-20.4585

70.3865, 45.0680,
-16.3326

76.9503, 32.3444,
-11.4802

84.1368, 19.5921,
-6.1326

91.8523, 6.9948,
-0.4535

Harmonies

Analogous

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



49.6374, 61.1135, -79.9469



49.6361, 91.8074, -20.6707



49.6374, 92.5902, 17.2533

Triad

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



49.6374, 91.8028, -20.6688



49.6374, -19.7997, 34.0877



49.6374, -45.6379, -77.0753

Complementary

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



49.6361, 91.8074, -20.6707



84.8541, -70.7341, 46.6369

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.



49.6374, -56.3197, -18.2686



49.6361, 91.8074, -20.6707



49.6374, -44.8244, 31.4121

Square

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



49.6374, 91.8028, -20.6688



49.6374, 19.2564, 34.0384



49.6374, -56.0769, 18.3584



49.6374, -21.3151, -126.1527

Rectangle

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



49.6361, 91.8074, -20.6707



49.6374, 75.4703, 28.3952



49.6374, -56.0769, 18.3584



49.6374, -50.5562, -56.4182

Sweetspot

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



49.6374, 91.8028, -20.6688



76.9342, 32.3742, -11.4922



29.3433, 74.8445, -171.7695



34.2754, 17.4684, -6.2965

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6374, 91.8028, -20.6688



49.6354, 91.8049, -20.6611



46.4112, 80.0739, 25.3350



42.6690, 2.9635, -0.0829



35.9170, 66.4965, -15.4548



11.2913, 21.0486, -5.9744

Inverse Universe

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



49.6374, 91.8028, -20.6688



49.6354, 91.8049, -20.6611



86.9939, -57.5285, 15.4552



42.6690, 2.9635, -0.0829



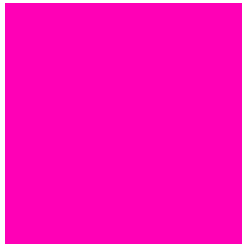
35.9170, 66.4965, -15.4548



11.2913, 21.0486, -5.9744

Previews

White Background



This preview shows how the HunterLab color 49.6361, 91.8074, -20.6707 looks on a white background.

Color Contrast Check

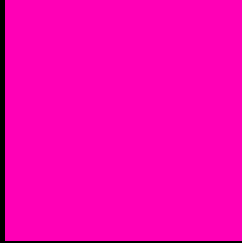
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.6361, 91.8074, -20.6707 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.6361, 91.8074, -20.6707 Background



This preview shows how black text looks on a background with the HunterLab color 49.6361, 91.8074, -20.6707.



This preview shows how white text looks on a background with the HunterLab color 49.6361, 91.8074, -20.6707.

-20.6707.

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

49.6361, 91.8074, -20.6707

Protanopia

50.4489, 15.2487, -79.8343

Deuteranopia

50.0208, 3.8615, -14.1873



Tritanopia

49.9168, 62.6392, 23.9486

Trichromacy



Original Color

49.6361, 91.8074, -20.6707



Protanomaly

42.0403, 45.6011, -76.8119



Deuteranomaly

43.6096, 43.4016, -26.8110



Tritanomaly

48.4695, 75.1511, 11.7088

Monochromacy



Original Color

49.6361, 91.8074, -20.6707



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

34.4584, 37.8378, -13.2433

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6361, 91.8074, -20.6707 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(255, 0, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 182)  
}
```

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(255, 0, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6361, 91.8074, -20.6707 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(255, 0, 182) }
```


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

```
.border{ border-color:rgb(255, 0, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6361, 91.8074, -20.6707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 182) }
```

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

```
.background{ background-color: rgb(255, 0,  
182) }
```

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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